



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 119952

TO: James Schultz
Location: REM-2D18/2C18
Art Unit: 1635
Wednesday, April 21, 2004
Case Serial Number: 10/001844

From: Paul Schulwitz
Location: Biotech-Chem Library
REM-1A65
Phone: (571)272-2527

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Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

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Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(571)272-2527

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OM nucleic - nucleic search, using sw model

Run on: April 21, 2004, 12:53:13 ; Search time 4 Seconds

(without alignments)

3.472 Million cell updates/sec

Title: 10001844-3_501-926

Perfect score: 426

Sequence: 1 ggcacagagtgaaactgcgg.....ctacgtgatcgagacgcggg 426

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 946 seqs, 16299 residues

Total number of hits satisfying chosen parameters: 1892

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 980 summaries

Database : ruidb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result NO.	Score	Query Match	Length	ID	Description
1	36	8.5	49	1	US-09-323-256-31
2	24	5.6	24	1	US-08-748-591-11
3	24	5.6	24	1	US-08-356-060A-43
4	24	5.6	24	1	US-08-460-900C-43
5	24	5.6	24	1	US-08-674-509B-43
6	24	5.6	24	1	US-08-954-698-43
7	24	5.6	24	1	US-08-957-874-43
8	24	5.6	24	1	US-09-639-695-43
9	24	5.6	24	1	US-09-448-188-43
10	24	5.6	24	1	US-08-954-128-43
11	24	5.6	24	1	US-08-954-740-43
12	24	5.6	24	1	US-09-736-476-43
13	23.4	5.5	25	1	US-08-748-591-12
14	19	4.5	19	1	US-08-748-591-16
15	19	4.5	19	1	US-08-748-591-21
16	18	4.2	18	1	US-09-102-491-6
17	17.8	4.2	21	1	US-09-277-078-24
18	17	4.0	25	1	US-09-292-036-5
19	15.8	3.7	20	1	US-08-777-266A-26
20	15.8	3.7	20	1	US-09-326-186B-26
21	15.8	3.7	20	1	US-09-702-327-46
22	15.8	3.7	20	1	US-09-898-361-147
23	15.8	3.7	21	1	US-09-339-944-11
24	15.8	3.7	21	1	US-09-651-265-11
25	15.2	3.6	20	1	US-09-487-253A-7
26	15.2	3.6	20	1	US-09-112-580-197
27	15.2	3.6	23	1	US-08-486-857-4
28	15.2	3.6	23	1	US-08-923-138-4
29	15.2	3.6	23	1	US-09-472-087-104
30	15	3.5	23	1	US-09-853-798A-18
31	14.8	3.5	18	1	US-09-205-860-13
32	14.8	3.5	19	1	US-08-589-930-37
33	14.8	3.5	20	1	US-09-366-257-11

34	14.8	3.5	20	1	US-09-416-756A-4	Sequence 4, Appli
35	14.6	3.4	21	1	US-09-277-078-56	Sequence 56, Appli
36	14.4	3.4	20	1	US-09-593-711A-127	Sequence 127, App
37	14.4	3.4	20	1	US-09-593-711A-128	Sequence 128, App
38	14.4	3.4	22	1	US-08-851-362D-1	Sequence 1, Appli
39	14.2	3.3	19	1	US-08-860-635A-12	Sequence 12, Appli
40	14.2	3.3	19	1	US-09-281-476-12	Sequence 12, Appli
41	14.2	3.3	20	1	US-08-219-842-62	Sequence 62, Appli
42	14.2	3.3	20	1	US-08-219-842-95	Sequence 95, Appli
43	14.2	3.3	20	1	US-08-451-096-62	Sequence 95, Appli
44	14.2	3.3	20	1	US-08-451-096-95	Sequence 95, Appli
45	14.2	3.3	20	1	US-08-887-365-17	Sequence 17, Appli
46	14.2	3.3	20	1	US-09-366-257-27	Sequence 27, Appli
47	14.2	3.3	20	1	US-09-326-186B-154	Sequence 154, App
48	14.2	3.3	20	1	US-09-742-703-32	Sequence 32, Appli
49	14.2	3.3	20	1	US-09-920-663-12	Sequence 12, Appli
50	14.2	3.3	20	1	US-09-485-077A-2	Sequence 2, Appli
51	14.2	3.3	21	1	US-07-937-609-5	Sequence 5, Appli
52	14.2	3.3	21	1	US-08-851-350-31	Sequence 31, Appli
53	14.2	3.3	21	1	US-08-851-350-32	Sequence 32, Appli
54	14.2	3.3	21	1	US-08-029-170-5	Sequence 5, Appli
55	14.2	3.3	21	1	US-09-283-011-32	Sequence 32, Appli
56	14.2	3.3	21	1	US-09-423-890-28	Sequence 28, Appli
57	14	3.3	15	1	US-08-585-684B-50	Sequence 50, Appli
58	14	3.3	15	1	US-09-038-073-50	Sequence 50, Appli
59	14	3.3	18	1	US-08-912-129A-77	Sequence 77, Appli
60	14	3.3	19	1	US-08-981-321-6	Sequence 6, Appli
61	14	3.3	20	1	US-09-428-696-57	Sequence 57, Appli
62	14	3.3	20	1	US-09-422-978-8409	Sequence 8409, Ap
63	13.8	3.2	17	1	US-08-379-078-457	Sequence 457, App
64	13.8	3.2	17	1	US-08-379-078-458	Sequence 458, App
65	13.8	3.2	17	1	US-07-974-409C-70	Sequence 70, Appli
66	13.8	3.2	17	1	US-07-974-409C-71	Sequence 71, Appli
67	13.8	3.2	17	1	US-09-673-809-86	Sequence 86, Appli
68	13.8	3.2	17	1	US-09-866-108A-5989	Sequence 5989, Ap
69	13.8	3.2	17	1	US-09-866-108A-5990	Sequence 5990, Ap
70	13.8	3.2	17	1	US-09-866-108A-5991	Sequence 5991, Ap
71	13.8	3.2	17	1	US-09-866-108A-7560	Sequence 7560, Ap
72	13.8	3.2	17	1	US-09-866-108A-7562	Sequence 7562, Ap
73	13.8	3.2	17	1	PCT-US93-00977-70	Sequence 70, Appli
74	13.8	3.2	17	1	PCT-US93-00977-71	Sequence 71, Appli
75	13.8	3.2	18	1	US-09-322-478-2	Sequence 2, Appli
76	13.8	3.2	18	1	US-09-673-809-44	Sequence 44, Appli
77	13.8	3.2	18	1	US-09-347-613C-39	Sequence 39, Appli
78	13.8	3.2	19	1	US-08-640-672-6	Sequence 6, Appli
79	13.8	3.2	19	1	US-08-684-498A-6	Sequence 6, Appli
80	13.8	3.2	19	1	US-08-577-858B-6	Sequence 6, Appli
81	13.8	3.2	19	1	US-08-611-280-10	Sequence 10, Appli
82	13.8	3.2	19	1	US-09-195-940-10	Sequence 10, Appli
83	13.8	3.2	19	1	US-09-562-466-10	Sequence 10, Appli
84	13.8	3.2	20	1	US-08-214-861-3	Sequence 3, Appli
85	13.8	3.2	20	1	US-08-308-949A-18	Sequence 18, Appli
86	13.8	3.2	20	1	US-08-470-202-17	Sequence 17, Appli
87	13.8	3.2	20	1	US-08-471-770-17	Sequence 17, Appli
88	13.8	3.2	20	1	US-08-468-059-17	Sequence 17, Appli
89	13.8	3.2	20	1	US-08-555-910-51	Sequence 51, Appli
90	13.8	3.2	20	1	US-09-109-916-17	Sequence 17, Appli
91	13.8	3.2	20	1	US-09-496-694B-200	Sequence 200, App
92	13.8	3.2	20	1	US-09-920-663-13	Sequence 13, Appli
93	13.8	3.2	20	1	US-09-886-156-17	Sequence 17, Appli
94	13.8	3.2	20	1	US-09-886-149-17	Sequence 17, Appli
95	13.8	3.2	20	1	US-09-886-150-17	Sequence 17, Appli
96	13.8	3.2	20	1	US-09-886-159-17	Sequence 17, Appli
97	13.8	3.2	20	1	US-09-495-714C-81	Sequence 81, Appli
98	13.8	3.2	21	1	US-08-042-747A-11	Sequence 11, Appli
99	13.8	3.2	21	1	US-08-277-857-19	Sequence 19, Appli
100	13.8	3.2	21	1	US-08-277-857-44	Sequence 44, Appli
101	13.8	3.2	21	1	US-08-277-857-70	Sequence 70, Appli
102	13.8	3.2	21	1	US-08-277-857-95	Sequence 95, Appli
103	13.8	3.2	21	1	US-08-253-877C-73	Sequence 73, Appli
104	13.8	3.2	21	1	US-08-452-164A-73	Sequence 73, Appli
105	13.8	3.2	21	1	PCT-US95-09080-19	Sequence 19, Appli
106	13.8	3.2	21	1	PCT-US95-09080-44	Sequence 44, Appli

c 107	13.8	3.2	21	1	PCT-US95-09080-70	Sequence 70, Appl	180	13.2	3.1	20	1	US-09-629-644A-17	Sequence 17, Appl
c 108	13.8	3.2	21	1	PCT-US95-09080-95	Sequence 95, Appl	c 181	13.2	3.1	20	1	US-09-629-644A-213	Sequence 213, App
c 109	13.6	3.2	20	1	US-07-879-647A-23	Sequence 23, Appl	c 182	13.2	3.1	20	1	US-09-629-644A-213	Sequence 213, App
c 110	13.6	3.2	20	1	US-07-879-584A-23	Sequence 23, Appl	c 183	13.2	3.1	20	1	US-09-629-644A-225	Sequence 225, App
c 111	13.6	3.2	20	1	US-07-879-470A-23	Sequence 23, Appl	c 184	13.2	3.1	20	1	US-09-657-346A-62	Sequence 62, Appl
c 112	13.6	3.2	20	1	US-07-879-644A-23	Sequence 23, Appl	c 185	13.2	3.1	20	1	US-09-668-131A-71	Sequence 71, Appl
c 113	13.6	3.2	20	1	US-07-879-640A-23	Sequence 23, Appl	c 186	13.2	3.1	20	1	US-09-410-132-10	Sequence 10, Appl
c 114	13.6	3.2	20	1	US-07-879-594A-23	Sequence 23, Appl	c 187	13.2	3.1	20	1	US-09-954-560-14	Sequence 14, Appl
c 115	13.6	3.2	20	1	US-07-879-469A-23	Sequence 23, Appl	c 188	13.2	3.1	20	1	US-09-044-604-7	Sequence 7, Appl
c 116	13.6	3.2	20	1	US-08-487-141B-69	Sequence 69, Appl	c 189	13.2	3.1	20	1	US-09-702-114A-10	Sequence 10, Appl
c 117	13.6	3.2	20	1	US-08-927-561-69	Sequence 69, Appl	c 190	13.2	3.1	20	1	US-09-081-385-22	Sequence 22, Appl
c 118	13.6	3.2	20	1	US-08-050-482A-3	Sequence 3, Appl	c 191	13.2	3.1	20	1	US-09-638-203-18	Sequence 18, Appl
c 119	13.6	3.2	20	1	US-09-677-045-7	Sequence 7, Appl	c 192	13.2	3.1	20	1	US-09-448-188-31	Sequence 31, Appl
c 120	13.6	3.2	20	1	US-09-487-253A-9	Sequence 9, Appl	c 193	13.2	3.1	20	1	US-08-954-128-31	Sequence 31, Appl
c 121	13.6	3.2	20	1	US-09-954-560-15	Sequence 15, Appl	c 194	13.2	3.1	20	1	US-08-954-740-31	Sequence 31, Appl
c 122	13.6	3.2	20	1	US-09-198-452A-4464	Sequence 4464, Ap	c 195	13.2	3.1	20	1	US-09-033-936-40	Sequence 40, Appl
c 123	13.6	3.2	20	1	PCT-US96-09388-69	Sequence 49, Appl	c 196	13.2	3.1	20	1	US-09-033-936-40	Sequence 40, Appl
c 124	13.4	3.1	15	1	US-08-585-684B-49	Sequence 49, Appl	c 197	13.2	3.1	20	1	US-09-601-812A-9	Sequence 9, Appl
c 125	13.4	3.1	15	1	US-08-585-684B-51	Sequence 51, Appl	c 198	13.2	3.1	20	1	PCT-US91-05808-6	Sequence 6, Appl
c 126	13.4	3.1	15	1	US-09-038-073-49	Sequence 49, Appl	c 199	13.2	3.1	20	1	5168053-8	Parent No. 5168053
c 127	13.4	3.1	15	1	US-09-038-073-51	Sequence 51, Appl	c 200	13	3.1	20	1	US-09-344-579-42	Sequence 42, Appl
c 128	13.4	3.1	17	1	US-09-474-432B-438	Sequence 438, App	c 201	13	3.1	20	1	US-09-289-368-37	Sequence 37, Appl
c 129	13.4	3.1	17	1	US-09-476-387-437	Sequence 437, App	c 202	13	3.1	20	1	US-09-133-717-24	Sequence 24, Appl
c 130	13.4	3.1	17	1	US-09-866-108A-7561	Sequence 7561, Ap	c 203	13	3.1	20	1	US-09-158-863C-24	Sequence 24, Appl
c 131	13.4	3.1	20	1	US-09-135-021-16	Sequence 16, Appl	c 204	13	3.1	20	1	US-09-158-863C-39	Sequence 39, Appl
c 132	13.4	3.1	20	1	US-09-135-020-18	Sequence 18, Appl	c 205	12.8	3.0	17	1	US-08-379-078-459	Sequence 459, App
c 133	13.4	3.1	20	1	US-09-135-010A-18	Sequence 18, Appl	c 206	12.8	3.0	17	1	US-08-486-408-4	Sequence 4, Appl
c 134	13.4	3.1	20	1	US-09-444-871-18	Sequence 18, Appl	c 207	12.8	3.0	17	1	US-08-975-570-4	Sequence 4, Appl
c 135	13.4	3.1	20	1	US-09-597-735-18	Sequence 18, Appl	c 208	12.8	3.0	17	1	US-08-665-259-42	Sequence 42, Appl
c 136	13.4	3.1	20	1	US-09-444-295-18	Sequence 18, Appl	c 209	12.8	3.0	17	1	US-08-665-259-55	Sequence 55, Appl
c 137	13.4	3.1	20	1	US-09-597-732-18	Sequence 18, Appl	c 210	12.8	3.0	17	1	US-08-762-500-42	Sequence 42, Appl
c 138	13.4	3.1	20	1	US-09-517-467B-297	Sequence 297, App	c 211	12.8	3.0	17	1	US-08-762-500-55	Sequence 55, Appl
c 139	13.4	3.1	20	1	US-08-679-299A-120	Sequence 120, App	c 212	12.8	3.0	17	1	US-08-938-099-52	Sequence 52, Appl
c 140	13.4	3.1	20	1	US-09-597-731-18	Sequence 18, Appl	c 213	12.8	3.0	17	1	US-07-974-409C-72	Sequence 72, Appl
c 141	13.2	3.1	18	1	US-07-627-538-6	Sequence 6, Appl	c 214	12.8	3.0	17	1	US-09-364-707A-6	Sequence 6, Appl
c 142	13.2	3.1	18	1	US-08-128-369-6	Sequence 6, Appl	c 215	12.8	3.0	17	1	US-08-584-040-1462	Sequence 1462, Ap
c 143	13.2	3.1	18	1	US-08-050-232-11	Sequence 11, Appl	c 216	12.8	3.0	17	1	US-09-371-772B-7	Sequence 7, Appl
c 144	13.2	3.1	18	1	US-08-661-767-11	Sequence 11, Appl	c 217	12.8	3.0	17	1	US-09-371-772B-4170	Sequence 4170, Ap
c 145	13.2	3.1	18	1	US-08-611-280-15	Sequence 15, Appl	c 218	12.8	3.0	17	1	US-09-912-165-6	Sequence 6, Appl
c 146	13.2	3.1	18	1	US-09-305-860-14	Sequence 14, Appl	c 219	12.8	3.0	17	1	US-09-866-108A-1009	Sequence 1009, Ap
c 147	13.2	3.1	18	1	US-08-289-376-9	Sequence 9, Appl	c 220	12.8	3.0	17	1	US-09-866-108A-1009	Sequence 1010, Ap
c 148	13.2	3.1	18	1	US-09-195-940-15	Sequence 15, Appl	c 221	12.8	3.0	17	1	US-09-866-108A-5988	Sequence 5988, Ap
c 149	13.2	3.1	18	1	US-09-562-466-15	Sequence 15, Appl	c 222	12.8	3.0	17	1	US-09-866-108A-5992	Sequence 5992, Ap
c 150	13.2	3.1	18	1	US-09-347-613C-21	Sequence 21, Appl	c 223	12.8	3.0	17	1	US-09-866-108A-7559	Sequence 7559, Ap
c 151	13.2	3.1	19	1	US-09-831-642-11	Sequence 11, Appl	c 224	12.8	3.0	17	1	US-09-866-108A-7559	Sequence 7559, Ap
c 152	13.2	3.1	20	1	US-08-146-422-10	Sequence 10, Appl	c 225	12.8	3.0	17	1	PCT-US93-00977-72	Sequence 72, Appl
c 153	13.2	3.1	20	1	US-08-146-424-10	Sequence 10, Appl	c 226	12.8	3.0	17	1	US-08-611-280-11	Sequence 11, Appl
c 154	13.2	3.1	20	1	US-08-826-554-26	Sequence 26, Appl	c 227	12.8	3.0	18	1	US-08-448-561-23	Sequence 23, Appl
c 155	13.2	3.1	20	1	US-08-693-709-24	Sequence 24, Appl	c 228	12.8	3.0	18	1	US-09-195-940-11	Sequence 11, Appl
c 156	13.2	3.1	20	1	US-08-432-158-9	Sequence 9, Appl	c 229	12.8	3.0	18	1	US-09-562-466-11	Sequence 11, Appl
c 157	13.2	3.1	20	1	US-08-432-158-10	Sequence 10, Appl	c 230	12.8	3.0	18	1	US-09-015-188-10	Sequence 10, Appl
c 158	13.2	3.1	20	1	US-08-776-251-17	Sequence 17, Appl	c 231	12.8	3.0	19	1	US-08-914-256-3	Sequence 3, Appl
c 159	13.2	3.1	20	1	US-08-281-203-3	Sequence 3, Appl	c 232	12.8	3.0	19	1	US-08-425-462-17	Sequence 17, Appl
c 160	13.2	3.1	20	1	US-09-291-562-10	Sequence 10, Appl	c 233	12.8	3.0	19	1	US-08-631-200-39	Sequence 39, Appl
c 161	13.2	3.1	20	1	US-09-288-461-47	Sequence 47, Appl	c 234	12.6	3.0	19	1	US-08-829-553-39	Sequence 39, Appl
c 162	13.2	3.1	20	1	US-09-288-461-67	Sequence 67, Appl	c 235	12.6	3.0	19	1	US-08-922-267A-39	Sequence 39, Appl
c 163	13.2	3.1	20	1	US-09-087-194-18	Sequence 18, Appl	c 236	12.6	3.0	19	1	US-08-936-707A-39	Sequence 39, Appl
c 164	13.2	3.1	20	1	US-09-318-794A-7	Sequence 7, Appl	c 237	12.6	3.0	19	1	US-08-936-706A-39	Sequence 39, Appl
c 165	13.2	3.1	20	1	US-09-517-584A-80	Sequence 80, Appl	c 238	12.6	3.0	19	1	US-08-445-515-38	Sequence 38, Appl
c 166	13.2	3.1	20	1	US-09-467-082-31	Sequence 31, Appl	c 239	12.6	3.0	19	1	US-09-248-203-39	Sequence 39, Appl
c 167	13.2	3.1	20	1	US-09-377-309-63	Sequence 63, Appl	c 240	12.6	3.0	19	1	US-09-009-483A-13	Sequence 13, Appl
c 168	13.2	3.1	20	1	US-08-674-509B-31	Sequence 31, Appl	c 241	12.6	3.0	19	1	US-09-050-159-2	Sequence 2, Appl
c 169	13.2	3.1	20	1	US-09-487-368A-17	Sequence 17, Appl	c 242	12.6	3.0	19	1	US-09-406-071-39	Sequence 39, Appl
c 170	13.2	3.1	20	1	US-09-487-368A-213	Sequence 213, App	c 243	12.6	3.0	19	1	US-09-338-907-468	Sequence 468, App
c 171	13.2	3.1	20	1	US-09-487-368A-225	Sequence 225, App	c 244	12.6	3.0	19	1	US-09-564-805-185	Sequence 185, App
c 172	13.2	3.1	20	1	US-09-593-711A-40	Sequence 40, Appl	c 245	12.6	3.0	19	1	US-09-218-207-468	Sequence 468, App
c 173	13.2	3.1	20	1	US-08-954-698-31	Sequence 31, Appl	c 246	12.6	3.0	19	1	US-09-065-383-21	Sequence 21, Appl
c 174	13.2	3.1	20	1	US-09-374-135-14	Sequence 14, Appl	c 247	12.6	3.0	19	1	US-09-612-964-11	Sequence 11, Appl
c 175	13.2	3.1	20	1	US-08-593-589-41	Sequence 41, Appl	c 248	12.6	3.0	19	1	US-09-814-986-39	Sequence 39, Appl
c 176	13.2	3.1	20	1	US-09-426-998-1	Sequence 1, Appl	c 249	12.6	3.0	20	1	US-09-374-135-14	Sequence 14, Appl
c 177	13.2	3.1	20	1	US-09-467-109-67	Sequence 67, Appl	c 250	12.6	3.0	20	1	US-09-410-132-10	Sequence 10, Appl
c 178	13.2	3.1	20	1	US-09-702-327-71	Sequence 71, Appl	c 251	12.6	3.0	20	1	US-09-702-114A-10	Sequence 10, Appl
c 179	13.2	3.1	20	1	US-09-629-644A-17	Sequence 17, Appl	c 252	12.6	3.0	20	1	US-09-638-203-18	Sequence 18, Appl

253	12.6	3.0	20	1	US-09-409-938-16	Sequence 16, Appl	Sequence 16, Appl
254	12.4	2.9	15	1	US-08-291-932A-266	Sequence 266, App	Sequence 266, App
255	12.4	2.9	15	1	US-08-363-240A-139	Sequence 139, App	Sequence 139, App
256	12.4	2.9	15	1	US-08-363-240A-139	Sequence 140, App	Sequence 140, App
257	12.4	2.9	15	1	US-08-585-684B-48	Sequence 48, Appl	Sequence 48, Appl
258	12.4	2.9	15	1	US-09-038-073-48	Sequence 48, Appl	Sequence 48, Appl
259	12.4	2.9	16	1	US-07-991-199B-8	Sequence 8, Appl	Sequence 8, Appl
260	12.4	2.9	16	1	US-07-991-199B-8	Sequence 8, Appl	Sequence 8, Appl
261	12.4	2.9	16	1	PCT-US93-12248-8	Sequence 8, Appl	Sequence 8, Appl
262	12.4	2.9	17	1	US-08-584-040-7869	Sequence 7869, App	Sequence 7869, App
263	12.4	2.9	17	1	US-09-474-432B-758	Sequence 758, App	Sequence 758, App
264	12.4	2.9	17	1	US-09-371-772B-3552	Sequence 3552, App	Sequence 3552, App
265	12.4	2.9	17	1	US-09-476-387-757	Sequence 757, App	Sequence 757, App
266	12.4	2.9	17	1	US-09-747-391-79	Sequence 79, Appl	Sequence 79, Appl
267	12.4	2.9	17	1	US-09-866-108A-1011	Sequence 1011, App	Sequence 1011, App
268	12.4	2.9	17	1	US-09-866-108A-1012	Sequence 1012, App	Sequence 1012, App
269	12.4	2.9	18	1	US-08-577-858A-23	Sequence 23, Appl	Sequence 23, Appl
270	12.4	2.9	18	1	US-09-339-964-46	Sequence 46, Appl	Sequence 46, Appl
271	12.4	2.9	18	1	US-09-200-232-6	Sequence 6, Appl	Sequence 6, Appl
272	12.4	2.9	18	1	US-09-422-978-4482	Sequence 4482, App	Sequence 4482, App
273	12.4	2.9	18	1	US-09-422-978-10930	Sequence 10930, A	Sequence 10930, A
274	12.4	2.9	18	1	5512667-2	Patent No. 5512667	Patent No. 5512667
275	12.4	2.9	19	1	US-08-068-945A-41	Sequence 41, Appl	Sequence 41, Appl
276	12.4	2.9	19	1	US-08-482-172-11	Sequence 11, Appl	Sequence 11, Appl
277	12.4	2.9	19	1	US-08-442-806-41	Sequence 41, Appl	Sequence 41, Appl
278	12.4	2.9	19	1	US-08-796-883-13	Sequence 13, Appl	Sequence 13, Appl
279	12.4	2.9	19	1	US-08-447-430A-2	Sequence 2, Appl	Sequence 2, Appl
280	12.4	2.9	19	1	US-08-531-864-13	Sequence 13, Appl	Sequence 13, Appl
281	12.4	2.9	19	1	US-08-373-636C-13	Sequence 13, Appl	Sequence 13, Appl
282	12.4	2.9	19	1	US-08-602-506A-13	Sequence 13, Appl	Sequence 13, Appl
283	12.4	2.9	19	1	US-08-945-654-20	Sequence 20, Appl	Sequence 20, Appl
284	12.4	2.9	19	1	US-09-266-294-13	Sequence 13, Appl	Sequence 13, Appl
285	12.4	2.9	19	1	US-09-179-281-13	Sequence 13, Appl	Sequence 13, Appl
286	12.4	2.9	19	1	US-09-345-882-132	Sequence 132, App	Sequence 132, App
287	12.4	2.9	19	1	US-09-342-673-2	Sequence 2, Appl	Sequence 2, Appl
288	12.4	2.9	19	1	US-09-747-391-1	Sequence 1, Appl	Sequence 1, Appl
289	12.4	2.9	19	1	US-09-747-391-119	Sequence 119, App	Sequence 119, App
290	12.2	2.9	17	1	US-08-985-162-553	Sequence 553, App	Sequence 553, App
291	12.2	2.9	17	1	US-08-985-162-554	Sequence 554, App	Sequence 554, App
292	12.2	2.9	17	1	US-08-398-029A-4	Sequence 4, Appl	Sequence 4, Appl
293	12.2	2.9	17	1	US-09-324-867-61	Sequence 61, Appl	Sequence 61, Appl
294	12.2	2.9	17	1	US-08-594-040-7232	Sequence 7232, App	Sequence 7232, App
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296	12.2	2.9	17	1	US-09-371-772B-4560	Sequence 4560, App	Sequence 4560, App
297	12.2	2.9	17	1	US-09-371-772B-4561	Sequence 4561, App	Sequence 4561, App
298	12.2	2.9	17	1	US-09-401-063-553	Sequence 553, App	Sequence 553, App
299	12.2	2.9	17	1	US-09-401-063-554	Sequence 554, App	Sequence 554, App
300	12.2	2.9	17	1	US-09-866-108A-783	Sequence 783, App	Sequence 783, App
301	12.2	2.9	17	1	US-09-866-108A-1014	Sequence 1014, App	Sequence 1014, App
302	12.2	2.9	17	1	US-09-866-108A-1479	Sequence 1479, App	Sequence 1479, App
303	12.2	2.9	17	1	US-09-866-108A-1480	Sequence 1480, App	Sequence 1480, App
304	12.2	2.9	17	1	US-09-866-108A-1481	Sequence 1481, App	Sequence 1481, App
305	12.2	2.9	17	1	US-09-866-108A-6213	Sequence 6213, App	Sequence 6213, App
306	12.2	2.9	17	1	US-09-866-108A-9021	Sequence 9021, App	Sequence 9021, App
307	12.2	2.9	17	1	US-09-866-108A-9919	Sequence 9919, App	Sequence 9919, App
308	12.2	2.9	18	1	US-08-271-942A-102	Sequence 102, App	Sequence 102, App
309	12.2	2.9	18	1	US-08-210-762B-45	Sequence 45, Appl	Sequence 45, Appl
310	12.2	2.9	18	1	US-08-400-332-7	Sequence 7, Appl	Sequence 7, Appl
311	12.2	2.9	18	1	US-09-156-253-29	Sequence 29, Appl	Sequence 29, Appl
312	12.2	2.9	18	1	US-09-106-038A-74	Sequence 74, Appl	Sequence 74, Appl
313	12.2	2.9	18	1	US-08-779-916A-102	Sequence 102, App	Sequence 102, App
314	12.2	2.9	18	1	US-08-988-321B-25	Sequence 25, Appl	Sequence 25, Appl
315	12.2	2.9	18	1	US-08-988-321B-34	Sequence 34, Appl	Sequence 34, Appl
316	12.2	2.9	18	1	US-09-474-922A-53	Sequence 53, Appl	Sequence 53, Appl
317	12.2	2.9	18	1	US-09-045-301-9	Sequence 9, Appl	Sequence 9, Appl
318	12.2	2.9	18	1	US-09-106-075A-45	Sequence 45, Appl	Sequence 45, Appl
319	12.2	2.9	18	1	US-09-655-070A-23	Sequence 23, Appl	Sequence 23, Appl
320	12.2	2.9	18	1	US-08-584-040-8308	Sequence 8308, App	Sequence 8308, App
321	12.2	2.9	18	1	US-08-679-645-635	Sequence 635, App	Sequence 635, App
322	12.2	2.9	18	1	US-09-651-941-27	Sequence 27, Appl	Sequence 27, Appl
323	12.2	2.9	18	1	US-08-650-093C-108	Sequence 108, App	Sequence 108, App
324	12.2	2.9	18	1	US-08-650-093C-117	Sequence 117, App	Sequence 117, App
325	12.2	2.9	18	1	US-09-167-109-16	Sequence 16, Appl	Sequence 16, Appl
326	12.2	2.9	18	1	US-09-154-750A-3	Sequence 3, Appl	Sequence 3, Appl
327	12.2	2.9	18	1	US-08-955-597-27	Sequence 27, Appl	Sequence 27, Appl
328	12.2	2.9	18	1	US-09-077-619-39	Sequence 39, Appl	Sequence 39, Appl
329	12.2	2.9	18	1	US-09-319-588C-27	Sequence 27, Appl	Sequence 27, Appl
330	12.2	2.9	18	1	US-09-319-588C-71	Sequence 71, Appl	Sequence 71, Appl
331	12.2	2.9	18	1	US-09-432-978-4194	Sequence 4194, App	Sequence 4194, App
332	12.2	2.9	18	1	US-09-371-772B-3966	Sequence 3966, App	Sequence 3966, App
333	12.2	2.9	18	1	US-09-347-613C-38	Sequence 38, Appl	Sequence 38, Appl
334	12.2	2.9	18	1	US-08-690-936-25	Sequence 25, Appl	Sequence 25, Appl
335	12.2	2.9	18	1	US-09-690-936-44	Sequence 44, Appl	Sequence 44, Appl
336	12.2	2.9	18	1	PCT-US95-08604-102	Sequence 102, App	Sequence 102, App
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338	12	2.8	13	1	US-09-340-861-42	Sequence 42, Appl	Sequence 42, Appl
339	12	2.8	13	1	US-09-634-262-42	Sequence 42, Appl	Sequence 42, Appl
340	12	2.8	13	1	US-09-081-646-571	Sequence 571, App	Sequence 571, App
341	12	2.8	15	1	US-08-981-321-5	Sequence 5, Appl	Sequence 5, Appl
342	12	2.8	16	1	US-08-679-645-829	Sequence 829, App	Sequence 829, App
343	12	2.8	17	1	US-08-866-108A-1013	Sequence 1013, App	Sequence 1013, App
344	12	2.8	18	1	US-09-951-648-11	Sequence 11, Appl	Sequence 11, Appl
345	12	2.8	18	1	US-09-174-437-11	Sequence 11, Appl	Sequence 11, Appl
346	12	2.8	18	1	US-09-686-055A-11	Patent No. 5245022	Patent No. 5245022
347	12	2.8	18	1	US-08-232-081B-16	Sequence 16, Appl	Sequence 16, Appl
348	11.8	2.8	15	1	US-09-081-646-484	Sequence 484, App	Sequence 484, App
349	11.8	2.8	15	1	US-09-081-646-730	Sequence 730, App	Sequence 730, App
350	11.8	2.8	15	1	US-07-977-284A-150	Sequence 150, App	Sequence 150, App
351	11.8	2.8	16	1	US-08-166-664-10	Sequence 10, Appl	Sequence 10, Appl
352	11.8	2.8	16	1	US-08-520-385-1	Sequence 1, Appl	Sequence 1, Appl
353	11.8	2.8	16	1	US-08-432-871C-52	Sequence 52, Appl	Sequence 52, Appl
354	11.8	2.8	16	1	US-08-814-412-9	Sequence 9, Appl	Sequence 9, Appl
355	11.8	2.8	16	1	US-09-112-869-1	Sequence 1, Appl	Sequence 1, Appl
356	11.8	2.8	16	1	US-08-814-412-9	Sequence 9, Appl	Sequence 9, Appl
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358	11.8	2.8	16	1	US-09-270-956-52	Sequence 52, Appl	Sequence 52, Appl
359	11.8	2.8	16	1	US-09-371-772B-5656	Sequence 5656, App	Sequence 5656, App
360	11.8	2.8	16	1	US-07-962-569A-5	Sequence 5, Appl	Sequence 5, Appl
361	11.8	2.8	17	1	US-08-332-453-3	Sequence 3, Appl	Sequence 3, Appl
362	11.8	2.8	17	1	US-08-242-403A-41	Sequence 41, Appl	Sequence 41, Appl
363	11.8	2.8	17	1	US-08-379-078-449	Sequence 449, App	Sequence 449, App
364	11.8	2.8	17	1	US-08-379-078-452	Sequence 452, App	Sequence 452, App
365	11.8	2.8	17	1	US-08-379-078-464	Sequence 464, App	Sequence 464, App
366	11.8	2.8	17	1	US-08-373-124A-1537	Sequence 1537, App	Sequence 1537, App
367	11.8	2.8	17	1	US-08-373-124A-1539	Sequence 1539, App	Sequence 1539, App
368	11.8	2.8	17	1	US-08-373-124A-2377	Sequence 2377, App	Sequence 2377, App
369	11.8	2.8	17	1	US-08-373-124A-2379	Sequence 2379, App	Sequence 2379, App
370	11.8	2.8	17	1	US-08-774-128-41	Sequence 41, Appl	Sequence 41, Appl
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372	11.8	2.8	17	1	US-08-435-628-1539	Sequence 1539, App	Sequence 1539, App
373	11.8	2.8	17	1	US-08-435-628-2377	Sequence 2377, App	Sequence 2377, App
374	11.8	2.8	17	1	US-08-435-628-2379	Sequence 2379, App	Sequence 2379, App
375	11.8	2.8	17	1	US-08-374-652C-68	Sequence 68, Appl	Sequence 68, Appl
376	11.8	2.8	17	1	US-08-292-620A-1731	Sequence 1731, App	Sequence 1731, App
377	11.8	2.8	17	1	US-08-292-620A-1748	Sequence 1748, App	Sequence 1748, App
378	11.8	2.8	17	1	US-08-881-687-5	Sequence 5, Appl	Sequence 5, Appl
379	11.8	2.8	17	1	US-09-071-845-1731	Sequence 1731, App	Sequence 1731, App
380	11.8	2.8	17	1	US-09-071-845-1748	Sequence 1748, App	Sequence 1748, App
381	11.8	2.8	17	1	US-08-875-573-12	Sequence 12, Appl	Sequence 12, Appl
382	11.8	2.8	17	1	US-09-275-680-5	Sequence 5, Appl	Sequence 5, Appl
383	11.8	2.8	17	1	US-07-974-409C-17	Sequence 17, Appl	Sequence 17, Appl
384	11.8	2.8	17	1	US-07-974-409C-62	Sequence 62, Appl	Sequence 62, Appl
385	11.8	2.8	17	1	US-07-974-409C-65	Sequence 65, Appl	Sequence 65, Appl
386	11.8	2.8	17	1	US-07-974-409C-77	Sequence 77, Appl	Sequence 77, Appl
387	11.8	2.8	17	1	US-08-584-040-1463	Sequence 1463, App	Sequence 1463, App
388	11.8	2.8	17	1	US-08-584-040-1473	Sequence 1473, App	Sequence 1473, App
389	11.8	2.8	17	1	US-08-584-040-1794	Sequence 1794, App	Sequence 1794, App
390	11.8	2.8	17	1	US-08-584-040-1996	Sequence 1996, App	Sequence 1996, App
391	11.8	2.8	17	1	US-08-584-040-7223	Sequence 7223, App	Sequence 7223, App
392	11.8	2.8	17	1	US-08-584-040-7224	Sequence 7224, App	Sequence 7224, App
393	11.8	2.8	17	1	US-09-474-432B-640	Sequence 640, App	Sequence 640, App
394	11.8	2.8	17	1	US-09-474-432B-759	Sequence 759, App	Sequence 759

C 399	11.8	2.8	17	1	US-09-371-772B-18	Sequence 18, Appl	472	11.8	2.8	18	1	PCT-US92-03487-79	Sequence 79, Appl
C 400	11.8	2.8	17	1	US-09-371-772B-339	Sequence 339, Appl	473	11.8	2.8	18	1	PCT-US93-07541-21	Sequence 21, Appl
C 401	11.8	2.8	17	1	US-09-371-772B-541	Sequence 541, Appl	474	11.8	2.8	18	1	Patent No. 5202236	Patent No. 5202236
C 402	11.8	2.8	17	1	US-09-371-772B-3037	Sequence 3037, Appl	C 475	11.8	2.8	18	1	5202236-31	Sequence 41, Appl
C 403	11.8	2.8	17	1	US-09-371-772B-3038	Sequence 3038, Appl	C 476	11.6	2.7	20	1	US-09-593-589-41	Sequence 65, Appl
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C 405	11.8	2.8	17	1	US-09-371-772B-4171	Sequence 4171, Appl	C 478	11.4	2.7	15	1	US-08-502-185-3	Sequence 3, Appl
C 406	11.8	2.8	17	1	US-09-371-772B-4610	Sequence 4610, Appl	C 479	11.4	2.7	15	1	US-08-398-745-3	Sequence 3, Appl
C 407	11.8	2.8	17	1	US-09-371-772B-4611	Sequence 4611, Appl	C 480	11.4	2.7	15	1	US-08-501-779-3	Sequence 3, Appl
C 408	11.8	2.8	17	1	US-09-371-772B-6478	Sequence 6478, Appl	C 481	11.4	2.7	15	1	US-08-501-713-3	Sequence 3, Appl
C 409	11.8	2.8	17	1	US-09-476-387-639	Sequence 639, Appl	C 482	11.4	2.7	15	1	US-08-378-860-3	Sequence 14, Appl
C 410	11.8	2.8	17	1	US-09-476-387-758	Sequence 758, Appl	C 483	11.4	2.7	15	1	US-08-217-082A-14	Sequence 25, Appl
C 411	11.8	2.8	17	1	US-09-866-108A-1008	Sequence 1008, Appl	C 484	11.4	2.7	15	1	US-08-221-816B-25	Sequence 3, Appl
C 412	11.8	2.8	17	1	US-09-866-108A-5987	Sequence 5987, Appl	C 485	11.4	2.7	15	1	US-08-501-526-3	Sequence 3, Appl
C 413	11.8	2.8	17	1	US-09-866-108A-5993	Sequence 5993, Appl	C 486	11.4	2.7	15	1	US-08-501-306-3	Sequence 326, Appl
C 414	11.8	2.8	17	1	US-09-866-108A-6214	Sequence 6214, Appl	C 487	11.4	2.7	15	1	US-08-774-306A-326	Sequence 326, Appl
C 415	11.8	2.8	17	1	US-09-866-108A-6215	Sequence 6215, Appl	C 488	11.4	2.7	15	1	US-09-064-156A-326	Sequence 361, Appl
C 416	11.8	2.8	17	1	US-09-866-108A-6461	Sequence 6461, Appl	C 489	11.4	2.7	15	1	US-09-081-646-361	Sequence 421, Appl
C 417	11.8	2.8	17	1	US-09-866-108A-6462	Sequence 6462, Appl	C 490	11.4	2.7	15	1	US-09-081-646-421	Sequence 570, Appl
C 418	11.8	2.8	17	1	US-09-866-108A-6463	Sequence 6463, Appl	C 491	11.4	2.7	15	1	US-09-081-646-570	Sequence 25, Appl
C 419	11.8	2.8	17	1	US-09-866-108A-7558	Sequence 7558, Appl	C 492	11.4	2.7	15	1	US-10-112-547-25	Sequence 25, Appl
C 420	11.8	2.8	17	1	US-09-866-108A-7564	Sequence 7564, Appl	C 493	11.4	2.7	15	1	US-10-112-547-25	Sequence 25, Appl
C 421	11.8	2.8	17	1	US-09-866-108A-8143	Sequence 8143, Appl	C 494	11.4	2.7	15	1	US-10-104-611-23	Sequence 23, Appl
C 422	11.8	2.8	17	1	US-09-866-108A-8144	Sequence 8144, Appl	C 495	11.4	2.7	15	1	US-08-954-210-23	Sequence 23, Appl
C 423	11.8	2.8	17	1	US-09-866-108A-8145	Sequence 8145, Appl	C 496	11.4	2.7	16	1	US-09-431-419A-23	Sequence 18, Appl
C 424	11.8	2.8	17	1	US-09-866-108A-10466	Sequence 10466, A	C 497	11.4	2.7	17	1	US-08-139-719-18	Sequence 18, Appl
C 425	11.8	2.8	17	1	US-09-866-108A-10467	Sequence 10467, A	C 498	11.4	2.7	17	1	US-08-306-871-18	Sequence 18, Appl
C 426	11.8	2.8	17	1	US-09-866-108A-10468	Sequence 10468, A	C 499	11.4	2.7	17	1	US-08-589-959-18	Sequence 18, Appl
C 427	11.8	2.8	17	1	PCT-US93-00977-17	Sequence 17, Appl	C 500	11.4	2.7	17	1	US-08-458-067-19	Sequence 19, Appl
C 428	11.8	2.8	17	1	PCT-US93-00977-62	Sequence 62, Appl	C 501	11.4	2.7	17	1	US-08-758-306-1231	Sequence 1231, Ap
C 429	11.8	2.8	17	1	PCT-US93-00977-65	Sequence 65, Appl	C 502	11.4	2.7	17	1	US-08-292-620A-1881	Sequence 5, Appl
C 430	11.8	2.8	17	1	PCT-US93-00977-77	Sequence 77, Appl	C 503	11.4	2.7	17	1	US-08-747-121-5	Sequence 12, Appl
C 431	11.8	2.8	17	1	PCT-US95-05602-41	Sequence 41, Appl	C 504	11.4	2.7	17	1	US-08-744-905A-5	Sequence 5, Appl
C 432	11.8	2.8	17	1	PCT-US95-05815-41	Sequence 41, Appl	C 505	11.4	2.7	17	1	US-09-059-369-12	Sequence 115, App
C 433	11.8	2.8	18	1	US-07-988-430-79	Sequence 79, Appl	C 506	11.4	2.7	17	1	US-08-998-099-115	Sequence 133, App
C 434	11.8	2.8	18	1	US-08-434-503-23	Sequence 23, Appl	C 507	11.4	2.7	17	1	US-08-998-099-133	Sequence 134, App
C 435	11.8	2.8	18	1	US-08-435-336-77	Sequence 77, Appl	C 508	11.4	2.7	17	1	US-08-998-099-134	Sequence 1881, Ap
C 436	11.8	2.8	18	1	US-08-378-301-2	Sequence 2, Appl	C 509	11.4	2.7	17	1	US-09-071-845-1881	Sequence 2599, Ap
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C 438	11.8	2.8	18	1	US-08-152-621-9	Sequence 9, Appl	C 511	11.4	2.7	17	1	US-08-584-040-7749	Sequence 7749, Ap
C 439	11.8	2.8	18	1	US-08-152-621-14	Sequence 14, Appl	C 512	11.4	2.7	17	1	US-08-584-040-7760	Sequence 7760, Ap
C 440	11.8	2.8	18	1	US-08-488-113B-77	Sequence 77, Appl	C 513	11.4	2.7	17	1	US-08-584-040-7761	Sequence 7761, Ap
C 441	11.8	2.8	18	1	US-08-477-484B-77	Sequence 77, Appl	C 514	11.4	2.7	17	1	US-08-584-040-7762	Sequence 18, Appl
C 442	11.8	2.8	18	1	US-08-802-547-8	Sequence 8, Appl	C 515	11.4	2.7	17	1	US-08-406-844A-18	Sequence 1123, Ap
C 443	11.8	2.8	18	1	US-08-802-547-10	Sequence 10, Appl	C 516	11.4	2.7	17	1	US-09-371-772B-1123	Sequence 3532, Ap
C 444	11.8	2.8	18	1	US-08-802-547-11	Sequence 11, Appl	C 517	11.4	2.7	17	1	US-09-371-772B-3532	Sequence 3533, Ap
C 445	11.8	2.8	18	1	US-08-712-357-8	Sequence 8, Appl	C 518	11.4	2.7	17	1	US-09-371-772B-3533	Sequence 3544, Ap
C 446	11.8	2.8	18	1	US-08-712-357-10	Sequence 10, Appl	C 519	11.4	2.7	17	1	US-09-371-772B-3544	Sequence 3545, Ap
C 447	11.8	2.8	18	1	US-08-712-357-11	Sequence 11, Appl	C 520	11.4	2.7	17	1	US-09-371-772B-3545	Sequence 5463, Ap
C 448	11.8	2.8	18	1	US-08-646-360-77	Sequence 77, Appl	C 521	11.4	2.7	17	1	US-09-371-772B-5463	Sequence 5464, Ap
C 449	11.8	2.8	18	1	US-08-633-792A-6	Sequence 6, Appl	C 522	11.4	2.7	17	1	US-09-904-420A-2	Sequence 2, Appl
C 450	11.8	2.8	18	1	US-09-166-203-12	Sequence 12, Appl	C 523	11.4	2.7	17	1	US-09-866-108A-1663	Sequence 937, App
C 451	11.8	2.8	18	1	US-09-256-496-13	Sequence 13, Appl	C 524	11.4	2.7	17	1	US-09-866-108A-1664	Sequence 938, App
C 452	11.8	2.8	18	1	US-09-358-381-32	Sequence 32, Appl	C 525	11.4	2.7	17	1	US-09-866-108A-1665	Sequence 1665, Ap
C 453	11.8	2.8	18	1	US-09-143-212-29	Sequence 29, Appl	C 526	11.4	2.7	17	1	US-09-866-108A-1666	Sequence 1666, Ap
C 454	11.8	2.8	18	1	US-08-143-212-31	Sequence 31, Appl	C 527	11.4	2.7	17	1	US-09-866-108A-1667	Sequence 1667, Ap
C 455	11.8	2.8	18	1	US-08-344-521-8	Sequence 8, Appl	C 528	11.4	2.7	17	1	US-09-866-108A-2005	Sequence 2005, Ap
C 456	11.8	2.8	18	1	US-08-839-765-77	Sequence 77, Appl	C 529	11.4	2.7	17	1	US-09-866-108A-2006	Sequence 2006, Ap
C 457	11.8	2.8	18	1	US-09-136-389-77	Sequence 77, Appl	C 530	11.4	2.7	17	1	US-09-866-108A-2007	Sequence 2007, Ap
C 458	11.8	2.8	18	1	US-09-474-922A-77	Sequence 77, Appl	C 531	11.4	2.7	17	1	US-09-866-108A-2008	Sequence 2008, Ap
C 459	11.8	2.8	18	1	US-09-075-171A-6	Sequence 6, Appl	C 532	11.4	2.7	17	1	US-09-866-108A-2009	Sequence 2580, Ap
C 460	11.8	2.8	18	1	US-09-071-433-42	Sequence 42, Appl	C 533	11.4	2.7	17	1	US-09-866-108A-2580	Sequence 2581, Ap
C 461	11.8	2.8	18	1	US-09-377-309-12	Sequence 12, Appl	C 534	11.4	2.7	17	1	US-09-866-108A-2582	Sequence 2582, Ap
C 462	11.8	2.8	18	1	US-09-577-902-32	Sequence 32, Appl	C 535	11.4	2.7	17	1	US-09-866-108A-2583	Sequence 2584, Ap
C 463	11.8	2.8	18	1	US-09-610-838-77	Sequence 77, Appl	C 536	11.4	2.7	17	1	US-09-866-108A-2584	Sequence 2585, Ap
C 464	11.8	2.8	18	1	US-09-305-681-7	Sequence 7, Appl	C 537	11.4	2.7	17	1	US-09-866-108A-2585	Sequence 2586, Ap
C 465	11.8	2.8	18	1	US-09-305-681-8	Sequence 8, Appl	C 538	11.4	2.7	17	1	US-09-866-108A-2586	Sequence 2587, Ap
C 466	11.8	2.8	18	1	US-09-715-834-4	Sequence 4, Appl	C 539	11.4	2.7	17	1	US-09-866-108A-2587	Sequence 2588, Ap
C 467	11.8	2.8	18	1	US-09-007-288E-97	Sequence 97, Appl	C 540	11.4	2.7	17	1	US-09-866-108A-2588	Sequence 2589, Ap
C 468	11.8	2.8	18	1	US-09-711-485-77	Sequence 77, Appl	C 541	11.4	2.7	17	1	US-09-866-108A-2589	Sequence 2590, Ap
C 469	11.8	2.8	18	1	PCT-US92-05035-8	Sequence 8, Appl	C 542	11.4	2.7	17	1	US-09-866-108A-2590	Sequence 2591, Ap
C 470	11.8	2.8	18	1	PCT-US92-05035-9	Sequence 9, Appl	C 543	11.4	2.7	17	1	US-09-866-108A-2591	Sequence 2592, Ap
C 471	11.8	2.8	18	1	PCT-US92-05035-14	Sequence 14, Appl	C 544	11.4	2.7	17	1	US-09-866-108A-2592	Sequence 2593, Ap

545	11.4	2.7	17	1	US-09-866-108A-8001	Sequence 8001, Ap	618	11.2	2.6	17	1	US-08-889-296A-3	Sequence 3, Appli
546	11.4	2.7	17	1	US-09-866-108A-8002	Sequence 8002, Ap	619	11.2	2.6	17	1	US-08-465-880-1	Sequence 1, Appli
547	11.4	2.7	17	1	US-09-866-108A-8003	Sequence 8003, Ap	620	11.2	2.6	17	1	US-08-848-840A-3	Sequence 3, Appli
548	11.4	2.7	17	1	US-09-866-108A-8004	Sequence 8004, Ap	621	11.2	2.6	17	1	US-08-893-333-8	Sequence 8, Appli
549	11.4	2.7	17	1	US-09-866-108A-8005	Sequence 8005, Ap	622	11.2	2.6	17	1	US-08-203-716-2	Sequence 12, Appli
550	11.4	2.7	17	1	US-09-866-108A-8141	Sequence 8141, Ap	623	11.2	2.6	17	1	US-09-035-357-1	Sequence 1, Appli
551	11.4	2.7	17	1	US-09-866-108A-8142	Sequence 8142, Ap	624	11.2	2.6	17	1	US-09-183-275-7	Sequence 7, Appli
552	11.4	2.7	17	1	PCT-US96-07795-19	Sequence 19, Appl	625	11.2	2.6	17	1	US-08-985-162-278	Sequence 278, App
553	11.4	2.7	17	1	PCT-US96-07795-19	Sequence 19, Appl	626	11.2	2.6	17	1	US-08-985-162-295	Sequence 295, App
554	11.2	2.6	15	1	US-08-696-566-13	Sequence 13, Appl	627	11.2	2.6	17	1	US-08-985-162-400	Sequence 400, App
555	11.2	2.6	15	1	US-08-911-860-13	Sequence 13, Appl	628	11.2	2.6	17	1	US-08-985-162-401	Sequence 401, App
556	11.2	2.6	16	1	US-08-297-248-14	Sequence 14, Appl	629	11.2	2.6	17	1	US-08-985-162-664	Sequence 664, App
557	11.2	2.6	16	1	US-08-293-086-16	Sequence 16, Appl	630	11.2	2.6	17	1	US-08-961-469A-3	Sequence 3, Appli
558	11.2	2.6	16	1	US-08-748-591-13	Sequence 13, Appl	631	11.2	2.6	17	1	US-08-870-608-2	Sequence 2, Appli
559	11.2	2.6	16	1	US-08-748-591-19	Sequence 19, Appl	632	11.2	2.6	17	1	US-09-128-494-3	Sequence 3, Appli
560	11.2	2.6	16	1	US-08-752-891-4	Sequence 4, Appli	633	11.2	2.6	17	1	US-09-071-845-1701	Sequence 1701, Ap
561	11.2	2.6	16	1	US-08-889-296A-14	Sequence 14, Appl	634	11.2	2.6	17	1	US-09-071-845-1810	Sequence 1810, Ap
562	11.2	2.6	16	1	US-08-848-840A-14	Sequence 14, Appl	635	11.2	2.6	17	1	US-09-144-611-1	Sequence 1, Appli
563	11.2	2.6	16	1	US-09-144-178-4	Sequence 4, Appli	636	11.2	2.6	17	1	US-08-144-611-2	Sequence 2, Appli
564	11.2	2.6	16	1	US-08-961-469A-14	Sequence 14, Appl	637	11.2	2.6	17	1	US-09-144-611-3	Sequence 3, Appli
565	11.2	2.6	16	1	US-09-128-494-14	Sequence 14, Appl	638	11.2	2.6	17	1	US-09-144-611-4	Sequence 4, Appli
566	11.2	2.6	16	1	US-09-406-854-4	Sequence 4, Appli	639	11.2	2.6	17	1	US-09-144-611-5	Sequence 5, Appli
567	11.2	2.6	16	1	US-08-988-321B-35	Sequence 35, Appl	640	11.2	2.6	17	1	US-09-144-611-6	Sequence 6, Appli
568	11.2	2.6	16	1	US-08-248-386-14	Sequence 14, Appl	641	11.2	2.6	17	1	US-08-974-549A-362	Sequence 362, App
569	11.2	2.6	16	1	US-09-412-499A-4	Sequence 4, Appli	642	11.2	2.6	17	1	US-08-974-549A-363	Sequence 363, App
570	11.2	2.6	16	1	US-08-650-093C-118	Sequence 118, App	643	11.2	2.6	17	1	US-08-988-321B-26	Sequence 26, Appli
571	11.2	2.6	16	1	US-08-535-249-43	Sequence 43, Appl	644	11.2	2.6	17	1	US-09-192-657A-5	Sequence 5, Appli
572	11.2	2.6	16	1	US-08-754-477A-37	Sequence 37, Appl	645	11.2	2.6	17	1	US-08-928-213B-78	Sequence 78, Appl
573	11.2	2.6	16	1	US-09-371-772B-5652	Sequence 5652, Ap	646	11.2	2.6	17	1	US-09-453-514A-1	Sequence 1, Appli
574	11.2	2.6	16	1	US-09-371-772B-6009	Sequence 6009, Ap	647	11.2	2.6	17	1	US-09-453-514A-2	Sequence 2, Appli
575	11.2	2.6	16	1	US-09-690-936-35	Sequence 35, Appl	648	11.2	2.6	17	1	US-09-453-514A-3	Sequence 3, Appli
576	11.2	2.6	16	1	US-09-829-855-189	Sequence 189, App	649	11.2	2.6	17	1	US-09-453-514A-4	Sequence 4, Appli
577	11.2	2.6	17	1	US-07-783-861C-15	Sequence 15, Appl	650	11.2	2.6	17	1	US-09-453-514A-5	Sequence 5, Appli
578	11.2	2.6	17	1	US-08-152-313-58	Sequence 58, Appl	651	11.2	2.6	17	1	US-09-453-514A-6	Sequence 6, Appli
579	11.2	2.6	17	1	US-08-297-248-3	Sequence 3, Appli	652	11.2	2.6	17	1	US-08-829-637A-132	Sequence 132, App
580	11.2	2.6	17	1	US-08-468-447-11	Sequence 11, Appl	653	11.2	2.6	17	1	US-08-584-040-3907	Sequence 3907, Ap
581	11.2	2.6	17	1	US-08-393-086-3	Sequence 3, Appli	654	11.2	2.6	17	1	US-08-584-040-5899	Sequence 5899, Ap
582	11.2	2.6	17	1	US-08-469-851A-11	Sequence 11, Appl	655	11.2	2.6	17	1	US-08-584-040-7226	Sequence 7226, Ap
583	11.2	2.6	17	1	US-08-281-940-56	Sequence 56, Appl	656	11.2	2.6	17	1	US-08-584-040-7324	Sequence 7324, Ap
584	11.2	2.6	17	1	US-08-467-597A-11	Sequence 11, Appl	657	11.2	2.6	17	1	US-08-584-040-7501	Sequence 7501, Ap
585	11.2	2.6	17	1	US-08-468-569A-11	Sequence 11, Appl	658	11.2	2.6	17	1	US-08-584-040-7750	Sequence 7750, Ap
586	11.2	2.6	17	1	US-08-244-993-1	Sequence 1, Appli	659	11.2	2.6	17	1	US-08-584-040-8022	Sequence 8022, Ap
587	11.2	2.6	17	1	US-08-244-993-2	Sequence 2, Appli	660	11.2	2.6	17	1	US-08-584-040-8023	Sequence 8023, Ap
588	11.2	2.6	17	1	US-08-244-993-3	Sequence 3, Appli	661	11.2	2.6	17	1	US-08-584-040-8076	Sequence 8076, Ap
589	11.2	2.6	17	1	US-08-244-993-4	Sequence 4, Appli	662	11.2	2.6	17	1	US-08-679-645-70	Sequence 70, Appl
590	11.2	2.6	17	1	US-08-244-993-5	Sequence 5, Appli	663	11.2	2.6	17	1	US-08-679-645-172	Sequence 172, App
591	11.2	2.6	17	1	US-08-244-993-6	Sequence 6, Appli	664	11.2	2.6	17	1	US-08-679-645-203	Sequence 203, App
592	11.2	2.6	17	1	US-08-373-124A-1231	Sequence 1231, Ap	665	11.2	2.6	17	1	US-09-248-386-3	Sequence 3, Appli
593	11.2	2.6	17	1	US-08-373-124A-1373	Sequence 1373, Ap	666	11.2	2.6	17	1	US-09-684-254-12	Sequence 12, Appl
594	11.2	2.6	17	1	US-08-373-124A-2457	Sequence 2457, Ap	667	11.2	2.6	17	1	US-08-650-093C-109	Sequence 109, App
595	11.2	2.6	17	1	US-08-466-692A-11	Sequence 11, Appl	668	11.2	2.6	17	1	US-09-135-202-1	Sequence 1, Appli
596	11.2	2.6	17	1	US-08-471-966A-11	Sequence 11, Appl	669	11.2	2.6	17	1	US-09-727-169-7	Sequence 7, Appli
597	11.2	2.6	17	1	US-08-398-008A-8	Sequence 8, Appli	670	11.2	2.6	17	1	US-09-579-766A-7	Sequence 7, Appli
598	11.2	2.6	17	1	US-08-579-223-58	Sequence 58, Appl	671	11.2	2.6	17	1	US-08-802-331-1	Sequence 1, Appli
599	11.2	2.6	17	1	US-08-758-306-177	Sequence 177, App	672	11.2	2.6	17	1	US-08-912-951-129	Sequence 129, App
600	11.2	2.6	17	1	US-08-758-306-765	Sequence 765, App	673	11.2	2.6	17	1	US-08-912-951-130	Sequence 130, App
601	11.2	2.6	17	1	US-08-435-628-1231	Sequence 1231, Ap	674	11.2	2.6	17	1	US-09-673-809-45	Sequence 45, Appl
602	11.2	2.6	17	1	US-08-435-628-1373	Sequence 1373, Ap	675	11.2	2.6	17	1	US-09-474-432B-399	Sequence 399, App
603	11.2	2.6	17	1	US-08-435-628-2457	Sequence 2457, Ap	676	11.2	2.6	17	1	US-09-474-432B-442	Sequence 442, App
604	11.2	2.6	17	1	US-08-555-345-7	Sequence 7, Appli	677	11.2	2.6	17	1	US-09-474-432B-541	Sequence 541, App
605	11.2	2.6	17	1	US-08-710-134-56	Sequence 56, Appl	678	11.2	2.6	17	1	US-09-474-432B-629	Sequence 629, App
606	11.2	2.6	17	1	US-08-331-389A-5	Sequence 5, Appli	679	11.2	2.6	17	1	US-09-474-432B-681	Sequence 681, App
607	11.2	2.6	17	1	US-08-292-620A-1701	Sequence 1701, Ap	680	11.2	2.6	17	1	US-09-389-283-1	Sequence 1, Appli
608	11.2	2.6	17	1	US-08-292-620A-1810	Sequence 1810, Ap	681	11.2	2.6	17	1	US-09-726-968-7	Sequence 7, Appli
609	11.2	2.6	17	1	US-08-485-885-56	Sequence 56, Appl	682	11.2	2.6	17	1	US-09-371-772B-1674	Sequence 1674, Ap
610	11.2	2.6	17	1	US-08-861-306-1	Sequence 1, Appli	683	11.2	2.6	17	1	US-09-371-772B-2738	Sequence 2738, Ap
611	11.2	2.6	17	1	US-08-861-306-2	Sequence 2, Appli	684	11.2	2.6	17	1	US-09-371-772B-3040	Sequence 3040, Ap
612	11.2	2.6	17	1	US-08-861-306-3	Sequence 3, Appli	685	11.2	2.6	17	1	US-09-371-772B-3133	Sequence 3133, Ap
613	11.2	2.6	17	1	US-08-861-306-4	Sequence 4, Appli	686	11.2	2.6	17	1	US-09-371-772B-3307	Sequence 3307, Ap
614	11.2	2.6	17	1	US-08-861-306-5	Sequence 5, Appli	687	11.2	2.6	17	1	US-09-371-772B-3534	Sequence 3534, Ap
615	11.2	2.6	17	1	US-08-861-306-6	Sequence 6, Appli	688	11.2	2.6	17	1	US-09-371-772B-3805	Sequence 3805, Ap
616	11.2	2.6	17	1	US-08-468-037A-1	Sequence 1, Appli	689	11.2	2.6	17	1	US-09-371-772B-3806	Sequence 3806, Ap
617	11.2	2.6	17	1	US-08-471-973A-1	Sequence 1, Appli	690	11.2	2.6	17	1	US-09-371-772B-3859	Sequence 3859, Ap

837	10.8	2.5	16	1	US-07-879-469A-10	Sequence 10, Appl	c 910	10.4	2.4	14	1	US-09-094-714A-68	Sequence 68, Appl
838	10.8	2.5	16	1	US-08-152-621-24	Sequence 24, Appl	911	10.4	2.4	14	1	US-08-765-340-133	Sequence 133, Appl
839	10.8	2.5	16	1	US-08-537-060-15	Sequence 15, Appl	c 912	10.4	2.4	14	1	US-08-535-249-54	Sequence 54, Appl
840	10.8	2.5	16	1	US-08-954-210-67	Sequence 67, Appl	c 913	10.4	2.4	15	1	US-08-050-073-117	Sequence 117, Appl
841	10.8	2.5	16	1	US-08-811-566-14	Sequence 14, Appl	914	10.4	2.4	15	1	US-08-050-073-153	Sequence 153, Appl
842	10.8	2.5	16	1	US-08-811-566-17	Sequence 17, Appl	915	10.4	2.4	15	1	US-08-311-760A-169	Sequence 169, Appl
843	10.8	2.5	16	1	US-08-988-321B-27	Sequence 27, Appl	c 916	10.4	2.4	15	1	US-08-182-968A-496	Sequence 327, Appl
844	10.8	2.5	16	1	US-08-679-645-511	Sequence 511, Appl	c 917	10.4	2.4	15	1	US-08-182-968A-496	Sequence 496, Appl
845	10.8	2.5	16	1	US-08-679-645-517	Sequence 517, Appl	918	10.4	2.4	15	1	US-08-100-465-7	Sequence 7, Appl
846	10.8	2.5	16	1	US-08-679-645-535	Sequence 535, Appl	c 919	10.4	2.4	15	1	US-08-291-932A-100	Sequence 100, Appl
847	10.8	2.5	16	1	US-08-650-093C-110	Sequence 110, Appl	c 920	10.4	2.4	15	1	US-08-291-932A-101	Sequence 101, Appl
848	10.8	2.5	16	1	US-09-034-756-14	Sequence 14, Appl	921	10.4	2.4	15	1	US-08-334-847-630	Sequence 630, Appl
849	10.8	2.5	16	1	US-09-034-756-17	Sequence 17, Appl	c 922	10.4	2.4	15	1	US-08-221-816B-26	Sequence 26, Appl
850	10.8	2.5	16	1	US-09-431-419A-67	Sequence 67, Appl	923	10.4	2.4	15	1	US-08-293-150A-109	Sequence 109, Appl
851	10.8	2.5	16	1	US-09-371-772B-6965	Sequence 6965, Ap	924	10.4	2.4	15	1	US-08-292-620A-393	Sequence 393, Appl
852	10.8	2.5	16	1	US-09-371-772B-7094	Sequence 7094, Ap	925	10.4	2.4	15	1	US-08-292-620A-431	Sequence 431, Appl
853	10.8	2.5	16	1	US-09-690-936-27	Sequence 27, Appl	926	10.4	2.4	15	1	US-08-292-620A-656	Sequence 656, Appl
854	10.8	2.5	16	1	US-09-829-855-63	Sequence 63, Appl	927	10.4	2.4	15	1	US-08-292-620A-657	Sequence 657, Appl
855	10.8	2.5	16	1	US-09-787-069-10	Sequence 10, Appl	c 928	10.4	2.4	15	1	US-08-627-254C-15	Sequence 15, Appl
856	10.8	2.5	16	1	US-09-479-005A-6	Sequence 6, Appl	c 929	10.4	2.4	15	1	US-08-774-306A-327	Sequence 327, Appl
857	10.8	2.5	16	1	PCT-US92-05035-24	Sequence 24, Appl	c 930	10.4	2.4	15	1	US-08-774-306A-496	Sequence 496, Appl
858	10.8	2.5	16	1	PCT-US93-07541-20	Sequence 20, Appl	931	10.4	2.4	15	1	US-08-774-310-169	Sequence 169, Appl
859	10.8	2.5	16	1	5512667-1	Patent No. 5512667	c 932	10.4	2.4	15	1	US-08-931-072A-9	Sequence 9, Appl
860	10.8	2.5	17	1	US-08-584-040-7324	Sequence 7324, Ap	933	10.4	2.4	15	1	US-08-931-072A-25	Sequence 25, Appl
861	10.8	2.5	17	1	US-09-371-772B-3133	Sequence 3133, Ap	934	10.4	2.4	15	1	US-08-577-081A-62	Sequence 62, Appl
862	10.8	2.5	17	1	US-09-143-212-29	Sequence 29, Appl	c 935	10.4	2.4	15	1	US-09-064-156A-327	Sequence 327, Appl
863	10.8	2.5	20	1	US-09-033-936-40	Sequence 40, Appl	c 936	10.4	2.4	15	1	US-09-064-156A-496	Sequence 496, Appl
864	10.8	2.5	20	1	US-09-039-369-15	Sequence 15, Appl	c 937	10.4	2.4	15	1	US-09-071-845-393	Sequence 393, Appl
865	10.6	2.5	17	1	US-09-371-772B-4170	Sequence 4170, Ap	938	10.4	2.4	15	1	US-09-071-845-431	Sequence 431, Appl
866	10.6	2.5	17	1	US-08-584-040-1463	Sequence 1463, Ap	939	10.4	2.4	15	1	US-09-071-845-656	Sequence 656, Appl
867	10.6	2.5	17	1	US-09-371-772B-8	Sequence 8, Appl	940	10.4	2.4	15	1	US-09-071-845-657	Sequence 657, Appl
868	10.6	2.5	17	1	US-07-783-861C-15	Sequence 15, Appl	941	10.4	2.4	15	1	US-09-177-359-27	Sequence 27, Appl
869	10.6	2.5	17	1	US-08-988-321B-26	Sequence 26, Appl	c 942	10.4	2.4	15	1	US-09-081-646-307	Sequence 307, Appl
870	10.6	2.5	17	1	US-08-650-093C-109	Sequence 109, App	c 943	10.4	2.4	15	1	US-08-584-040-8429	Sequence 8429, Ap
871	10.6	2.5	17	1	US-09-690-936-26	Sequence 26, Appl	c 944	10.4	2.4	15	1	US-09-194-842A-60	Sequence 60, Appl
872	10.6	2.5	17	1	US-09-866-108A-7701	Sequence 7701, Ap	c 945	10.4	2.4	15	1	US-09-068-086A-4	Sequence 4, Appl
873	10.6	2.5	18	1	US-08-988-321B-25	Sequence 25, Appl	946	10.4	2.4	15	1	US-09-068-086A-6	Sequence 6, Appl
874	10.6	2.5	18	1	US-08-650-093C-108	Sequence 108, App	947	10.4	2.4	15	1	US-08-754-477A-40	Sequence 40, Appl
875	10.6	2.5	18	1	US-09-690-936-25	Sequence 25, Appl	c 948	10.4	2.4	15	1	US-09-474-432B-110	Sequence 110, Appl
876	10.6	2.5	20	1	US-09-593-711A-40	Sequence 40, Appl	c 949	10.4	2.4	15	1	US-09-371-772B-4085	Sequence 4085, Ap
877	10.6	2.5	20	1	US-09-668-137A-71	Sequence 71, Appl	c 950	10.4	2.4	15	1	US-10-113-547-26	Sequence 26, Appl
878	10.4	2.4	20	1	US-09-601-812A-9	Sequence 9, Appl	c 951	10.4	2.4	15	1	US-09-476-387-110	Sequence 110, Appl
879	10.4	2.4	12	1	US-07-972-387-68	Sequence 68, Appl	c 952	10.4	2.4	15	1	US-10-112-241-26	Sequence 26, Appl
880	10.4	2.4	12	1	US-08-035-928-14	Sequence 14, Appl	c 953	10.4	2.4	15	1	US-10-104-611-26	Sequence 26, Appl
881	10.4	2.4	12	1	US-08-431-412-68	Sequence 68, Appl	c 954	10.4	2.4	16	1	US-07-789-738-1	Sequence 1, Appl
882	10.4	2.4	12	1	US-08-057-971-68	Sequence 68, Appl	c 955	10.4	2.4	16	1	US-08-050-073-143	Sequence 143, Appl
883	10.4	2.4	12	1	US-08-547-214-17	Sequence 17, Appl	c 956	10.4	2.4	16	1	US-08-050-073-152	Sequence 152, Appl
884	10.4	2.4	12	1	US-08-663-823B-17	Sequence 17, Appl	c 957	10.4	2.4	16	1	US-08-094-128A-33	Sequence 33, Appl
885	10.4	2.4	12	1	US-08-942-406-17	Sequence 17, Appl	958	10.4	2.4	16	1	US-08-455-674-33	Sequence 33, Appl
886	10.4	2.4	12	1	US-08-322-617-17	Sequence 17, Appl	959	10.4	2.4	16	1	US-08-455-992-33	Sequence 33, Appl
887	10.4	2.4	12	1	US-08-281-418-130	Sequence 130, App	960	10.4	2.4	16	1	US-08-455-992-33	Sequence 33, Appl
888	10.4	2.4	12	1	US-08-679-493A-83	Sequence 83, Appl	961	10.4	2.4	16	1	US-08-486-421-28	Sequence 28, Appl
889	10.4	2.4	12	1	US-09-203-231B-21	Sequence 21, Appl	962	10.4	2.4	16	1	US-08-486-421-28	Sequence 28, Appl
890	10.4	2.4	12	1	US-09-751-561-17	Sequence 17, Appl	963	10.4	2.4	16	1	US-08-325-630-28	Sequence 28, Appl
891	10.4	2.4	12	1	US-09-724-385-17	Sequence 17, Appl	964	10.4	2.4	16	1	US-08-325-630-28	Sequence 28, Appl
892	10.4	2.4	12	1	US-09-757-528-17	Sequence 17, Appl	965	10.4	2.4	16	1	US-08-470-911-28	Sequence 28, Appl
893	10.4	2.4	12	1	US-08-574-117A-32	Sequence 32, Appl	966	10.4	2.4	16	1	US-08-486-809-28	Sequence 28, Appl
894	10.4	2.4	13	1	US-08-441-867A-232	Sequence 232, App	c 967	10.4	2.4	16	1	US-08-678-645-525	Sequence 525, App
895	10.4	2.4	13	1	US-08-883-920-6	Sequence 6, Appl	968	10.4	2.4	16	1	US-09-460-316-1	Sequence 1, Appl
896	10.4	2.4	13	1	US-09-306-653-28	Sequence 28, Appl	969	10.4	2.4	16	1	US-09-460-316-2	Sequence 2, Appl
897	10.4	2.4	13	1	US-09-306-653-30	Sequence 30, Appl	970	10.4	2.4	16	1	US-09-371-772B-5650	Sequence 29, Appl
898	10.4	2.4	13	1	US-09-306-653-34	Sequence 34, Appl	971	10.4	2.4	16	1	US-09-371-772B-5651	Sequence 5651, Ap
899	10.4	2.4	13	1	US-09-306-653-36	Sequence 36, Appl	972	10.4	2.4	16	1	US-09-371-772B-5974	Sequence 5974, Ap
900	10.4	2.4	13	1	US-08-306-653-42	Sequence 42, Appl	c 973	10.4	2.4	16	1	US-10-090-955-1	Sequence 1, Appl
901	10.4	2.4	13	1	US-09-306-653-44	Sequence 44, Appl	974	10.4	2.4	16	1	US-10-090-955-2	Sequence 2, Appl
902	10.4	2.4	13	1	US-09-033-525-10	Sequence 10, Appl	975	10.4	2.4	17	1	US-09-371-772B-4171	Sequence 4171, Ap
903	10.4	2.4	13	1	US-09-621-275-39	Sequence 39, Appl	976	10.4	2.4	20	1	US-09-474-922A-453	Sequence 53, Appl
904	10.4	2.4	13	1	US-09-621-275-41	Sequence 41, Appl	977	10.4	2.4	20	1	PCT-US91-05808-6	Sequence 6, Appl
905	10.4	2.4	13	1	US-09-621-275-45	Sequence 45, Appl	978	10.4	2.4	20	1	5168053-8	Patent No. 5168053
906	10.4	2.4	13	1	US-09-621-275-47	Sequence 47, Appl	979	10.4	2.4	49	1	US-09-325-256-31	Sequence 31, Appl
907	10.4	2.4	13	1	US-09-621-275-53	Sequence 53, Appl	c 980	10.2	2.4	15	1	US-08-355-824-3	Sequence 3, Appl
908	10.4	2.4	13	1	US-09-621-275-55	Sequence 55, Appl							
909	10.4	2.4	14	1	US-08-309-512-43	Sequence 43, Appl							

ALIGNMENTS

RESULT 1

US-09-325-256-31/c
; Sequence 31, Application US/09325256
; Patent No. 6444793
; GENERAL INFORMATION:
; APPLICANT: PEPINSKY, R. BLAKE
; APPLICANT: BAKER, DARREN P.
; APPLICANT: WEN, DINGYI
; APPLICANT: WILLIAMS, KEVIN P.
; APPLICANT: GARGER, ELLEN A.
; APPLICANT: TAYLOR, FREDERICK R.
; APPLICANT: GALDES, ALPHONSE
; APPLICANT: PORTER, JEFFREY
; TITLE OF INVENTION: HYDROPHOBICALLY-MODIFIED PROTEIN COMPOSITIONS AND
; FILE REFERENCE: BIV-067.01
; CURRENT APPLICATION NUMBER: US/09/325,256
; CURRENT FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/099,800
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/078,935
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/089,685
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/067,423
; PRIOR FILING DATE: 1997-12-03
; PRIOR APPLICATION NUMBER: PCT/US98/25676
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 31
; LENGTH: 49
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-325-256-31

Query Match 8.5%; Score 36; DB 1; Length 49;
Best Local Similarity 88.6%; Pred. No. 0.048;
Matches 39; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 203 GGTGAAGCAGAGAACTCGGTGGCGCCAAATCGGGAGGCTGCT 246
DB 49 GGTGAAGCAGAGAACTCGGTGGCGCCAAATCGGGAGGCTGAT 6

RESULT 2

US-08-748-591-11
; Sequence 11, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Epstein, Ervin
; APPLICANT: Hu, Zhilan
; APPLICANT: Bonifas, Jeanette
; TITLE OF INVENTION: Mutant Human Hedgehog Gene
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish and Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-748-591-11
Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 24 ACCGAGGGCTGGGACGAGATGCG 47
DB 1 ACCGAGGGCTGGGACGAGATGCG 24
RESULT 3
US-08-356-060A-43
; Sequence 43, Application US/08356060A
; Patent No. 5844079
; GENERAL INFORMATION:
; APPLICANT: Incham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/356,060A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMI-006CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-356-060A-43

Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGCTGGGACGAGATGCC 47
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DB 1 ACCGAGGCTGGGACGAGATGCC 24

RESULT 4

US-08-460-900C-43
; Sequence 43, Application US/08460900C
; Patent No. 6165747
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Bumcrot, David A.
; APPLICANT: Marti-Gorostiza, Elisa
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,900C
; FILING DATE: 5-JUNE-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 4-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.05
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 832-1000
; TELEFAX: (617) 832-7000
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-460-900C-43

Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGCTGGGACGAGATGCC 47
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DB 1 ACCGAGGCTGGGACGAGATGCC 24

RESULT 5

US-08-674-509B-43
; Sequence 43, Application US/08674509B
; Patent No. 6261786
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Marigo, Valeria
; TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEHOG AGONISTS
; TITLE OF INVENTION: AND ANTAGONISTS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/674,509B
; FILING DATE: 02-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/460,900
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.06
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-674-509B-43

Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGCTGGGACGAGATGCC 47
|||||
DB 1 ACCGAGGCTGGGACGAGATGCC 24

RESULT 6

US-08-954-698-43
; Sequence 43, Application US/08954698
; Patent No. 6271363
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related Thereto
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA

ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,698
FILING DATE: 20-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,386
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 04-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-954-698-43

Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGGCTGGGACGAGATGGC 47
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DB 1 ACCGAGGGCTGGGACGAGATGGC 24
|||||

RESULT 7
US-08-957-874-43
Sequence 43, Application US/08957874
Patent No. 6384192
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
Proteins and Uses Related Thereto
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/957,874
FILING DATE: 20-OCT-1997
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/462,386
FILING DATE: 5-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 4-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: HMV-006.09
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 832-1000
TELEFAX: (617) 832-7000
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-957-874-43

Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGGCTGGGACGAGATGGC 47
|||||
DB 1 ACCGAGGGCTGGGACGAGATGGC 24
|||||

RESULT 8
US-09-639-695-43
Sequence 43, Application US/09639695
Patent No. 6576237
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
APPLICANT: Bumcrot, David A.
APPLICANT: Marti-Gorostiza, Elisa
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
Proteins and Uses Related Thereto
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/639,695
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 4-MAY-1995
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.

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; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-448-188-43
Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGGCTGGGACGAAGATGCC 47
DB 1 ACCGAGGGCTGGGACGAAGATGCC 24
|||||

RESULT 10
US-08-954-128-43
; Sequence 43, Application US/08954128
; Patent No. 6610656
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; TITLE OF INVENTION: Proteins and Uses Related thereto
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSES: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 20-OCT-1997
; APPLICATION NUMBER: US/08/954,128
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/462,386
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/435,093
; FILING DATE: 04-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/356,060
; FILING DATE: 14-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/176,427
; FILING DATE: 30-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.12
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-954-128-43
Query Match 5.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 24 ACCGAGGGCTGGGACGAAGATGCC 47
DB 1 ACCGAGGGCTGGGACGAAGATGCC 24
|||||

```

RESULT 11

US-08-954-740-43
 ; Sequence 43, Application US/08954740
 ; Patent No. 6630148
 ; GENERAL INFORMATION:
 ; APPLICANT: Ingham, Phillip W.
 ; APPLICANT: McMahon, Andrew P.
 ; APPLICANT: Tabin, Clifford J.
 ; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
 ; Proteins and Uses Related Thereto
 ; NUMBER OF SEQUENCES: 48
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
 ; STREET: One Post Office Square
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02109-2170

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/954,740
 FILING DATE: 20-OCT-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/462,386
 FILING DATE: 05-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/435,093
 FILING DATE: 04-MAY-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/356,060
 FILING DATE: 14-DEC-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/176,427
 FILING DATE: 30-DEC-1993

ATTORNEY/AGENT INFORMATION:
 NAME: Vincent, Matthew P.
 REGISTRATION NUMBER: 36,709
 REFERENCE/DOCKET NUMBER: HMV-006.08
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-832-1000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 43:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

US-08-954-740-43
 Query Match 5.6%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 3;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 24 ACCGAGGGCTGGGACGAAGATGGC 47
 Db 1 ACCGAGGGCTGGGACGAAGATGGC 24

RESULT 12

US-09-736-476-43
 ; Sequence 43, Application US/09736476
 ; Patent No. 6664075
 ; GENERAL INFORMATION:
 ; APPLICANT: Ingham, Phillip W.
 ; APPLICANT: McMahon, Andrew P.
 ; APPLICANT: Tabin, Clifford J.

Bumerot, David A.
 Marti-Gorostiza, Elisa
 TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
 Proteins and Uses Related Thereto
 NUMBER OF SEQUENCES: 47
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 State Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII(text)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/736,476
 FILING DATE: 13-Dec-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/435,093
 FILING DATE: 4-MAY-1995
 APPLICATION NUMBER: US 08/356,060
 FILING DATE: 14-DEC-1994
 APPLICATION NUMBER: US 08/176,427
 FILING DATE: 30-DEC-1993

ATTORNEY/AGENT INFORMATION:
 NAME: Vincent, Matthew P.
 REGISTRATION NUMBER: 36,709
 REFERENCE/DOCKET NUMBER: HMI-006CP4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 43:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 SEQUENCE DESCRIPTION: SEQ ID NO: 43:

US-09-736-476-43
 Query Match 5.6%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 3;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 24 ACCGAGGGCTGGGACGAAGATGGC 47
 Db 1 ACCGAGGGCTGGGACGAAGATGGC 24

RESULT 13

US-08-748-591-12/G
 ; Sequence 12, Application US/08748591
 ; Patent No. 5759811
 ; GENERAL INFORMATION:
 ; APPLICANT: Epstein, Ervin
 ; APPLICANT: Hu, Zhilan
 ; APPLICANT: Bonifas, Jeanette
 ; TITLE OF INVENTION: Mutant Human Hedgehog Gene
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish and Richardson
 ; STREET: 2200 Sand Hill Road
 ; CITY: Menlo Park
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94025
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-748-591-12

Query Match 5.5%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 4.3; Mismatches 1; Indels 0; Gaps 0;
Matches 24; Conservative 0;

Qy 116 CAGCAAGTACGGCATGTCGCCGC 140
Db 25 CAGCAAGTACGGCATGTCGCCGC 1

RESULT 14

US-08-748-591-16/c
Sequence 16, Application US/08748591
Patent No. 5759811
GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-748-591-16

Query Match 4.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 19; Mismatches 0; Indels 0; Gaps 0;
Matches 19; Conservative 0;

Qy 194 CCACCTGCTCGGTGAAGCA 212
Db 19 CCACCTGCTCGGTGAAGCA 1

RESULT 15

US-08-748-591-21/c
Sequence 21, Application US/08748591
Patent No. 5759811
GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-748-591-21

Query Match 4.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 19; Mismatches 0; Indels 0; Gaps 0;
Matches 19; Conservative 0;

Qy 284 CACCAAGCTGCTGAAGGAC 302
Db 19 CACCAAGCTGCTGAAGGAC 1

RESULT 16

US-09-102-491-6/c
Sequence 6, Application US/09102491
Patent No. 6238876
GENERAL INFORMATION:
APPLICANT: Altaba, Ariel Ruiz
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
CURRENT APPLICATION NUMBER: US/09/102,491
CURRENT FILING DATE: 1998-06-22
EARLIER APPLICATION NUMBER: 60/050,286

; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-6

Query Match 4.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 59 GGAGTCTCTGCACCTACGA 76
DB 18 GGAGTCTCTGCACCTACGA 1

RESULT 17
US-09-277-078-24/c
; Sequence 24, Application US/09277078
; Patent No. 6312949
; GENERAL INFORMATION:
; APPLICANT: Sakurada, Kazuhiro
; APPLICANT: Palmer, Theo
; APPLICANT: Gage, Fred H.
; TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
; FILE REFERENCE: 07251/031001
; CURRENT APPLICATION NUMBER: US/09/277,078
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for PCR
US-09-277-078-24

Query Match 4.2%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 39;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 104 TGACGGGACCGCAGCAAGTA 124
DB 21 TGACGGGACCGCAGCAAGTA 1

RESULT 18
US-09-292-036-5
; Sequence 5, Application US/09292036
; Patent No. 6358741
; GENERAL INFORMATION:
; APPLICANT: FIBROGEN, INC
; APPLICANT: SCHMIDT, Brian
; APPLICANT: ALLEN, Margaret
; APPLICANT: SVERDRUP, Fran
; APPLICANT: CARMICHAEL, David
; TITLE OF INVENTION: CONNECTIVE TISSUE GROWTH FACTOR (CTGF) AND METHODS OF USE
; FILE REFERENCE: FIBRO1100-1
; CURRENT APPLICATION NUMBER: US/09/292,036
; CURRENT FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US/09/292,036
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US/09/187,478
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5

; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: CTGF oligonucleotide
US-09-292-036-5

Query Match 4.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 78;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 162 GACTGGGTGTACTACGAGTCCCAAG 186
DB 1 GAGTGGGTGTGTGACGAGCCCAAG 25

RESULT 19
US-08-777-266A-26/c
; Sequence 26, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0201
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-777-266A-26

Query Match 3.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 88;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGTCTTCTACGTGATC 416
DB 19 GAGGGTCTTCTACGTGAGC 1

RESULT 20
US-09-326-186B-26/c
; Sequence 26, Application US/09326186B

```
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-26

Query Match      3.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 88;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 398 GAAGTCTTCTACGTGATC 416
Db 19 GAGGTCTTCTACGTGAC 1

RESULT 21
US-09-702-327-46/c
; Sequence 46, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-46

Query Match      3.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 88;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 25 CCGAGGGCTGGGACGAGA 43
Db 19 CCGAGGACTGGATGAAGA 1

RESULT 22
US-09-898-361-147/c
; Sequence 147, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 147
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-147

Query Match      3.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 88;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 22 TCACCGAGGGCTGGGACGA 40
Db 19 TCACCGAGTGTGGGACCA 1

RESULT 23
US-09-339-944-11
; Sequence 11, Application US/09339944
; Patent No. 6114129
; GENERAL INFORMATION:
; APPLICANT: AGRAWAL, BABITA
; APPLICANT: LONGENECKER, B. Michael
; TITLE OF INVENTION: METHODS OF DETECTING T-CELL ACTIVATION AND TREATING
; TITLE OF INVENTION: DISORDERS ASSOCIATED WITH T-CELL DYSFUNCTION
; FILE REFERENCE: 042881/0129
; CURRENT APPLICATION NUMBER: US/09/339,944
; CURRENT FILING DATE: 1999-06-25
; EARLIER APPLICATION NUMBER: 60/090,916
; EARLIER FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-339-944-11

Query Match      3.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 97;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 231 AAATCGGAGGCTGCTTCC 249
Db 3 ATATCGAGGAGGCTGCTTCC 21

RESULT 24
US-09-651-265-11
; Sequence 11, Application US/09651265
; Patent No. 6602660
; GENERAL INFORMATION:
; APPLICANT: AGRAWAL, BABITA
; APPLICANT: LONGENECKER, B. MICHAEL
; TITLE OF INVENTION: METHODS OF DETECTING T-CELL ACTIVATION
; FILE REFERENCE: 042881/0151
; CURRENT APPLICATION NUMBER: US/09/651,265
; CURRENT FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 09/339,344
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/090,916
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-651-265-11
```

Query Match 3.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 97;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 AATCGGAGGCTGCTTCC 249
DB 3 ATATCGAGAGCTGCTTCC 21

RESULT 25

US-09-487-253A-7/C
; Sequence 7, Application US/09487253A
; Patent No. 6399763
; GENERAL INFORMATION:
; APPLICANT: Leon G.J. FRENKEN
; APPLICANT: Cornelis P.E. VAN DER LOGT
; TITLE OF INVENTION: METHOD FOR PRODUCING ANTIBODY FRAGMENTS
; FILE REFERENCE: 60113/266062 - T3076(C)
; CURRENT APPLICATION NUMBER: US/09/487,253A
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: EP 99300351.6
; PRIOR FILING DATE: 1999-01-19
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: MS Word
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
US-09-487-253A-7

Query Match 3.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 269 CCGGAGGAGCGGCGACCA 288
DB 20 CCGGAGGAGCGGCGGACCA 1

RESULT 26

US-09-112-580-197/C
; Sequence 197, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; CURRENT FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-197

Query Match 3.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 AACTCGGCTGACCGAGGCG 32
DB 20 AACTCGTGTGAACAGGCG 1

RESULT 27
US-08-486-857-4
; Sequence 4, Application US/08486857
; Patent No. 6075181
; GENERAL INFORMATION:
; APPLICANT: Kucheralapati, Raju
; APPLICANT: Jakobovits, Aya
; APPLICANT: Klapholz, Sue
; APPLICANT: Brenner, Daniel G.
; APPLICANT: Capon, Daniel J.
; TITLE OF INVENTION: HUMAN ANTIBODIES DERIVED FROM IMMUNIZED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,857
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Halluin, Albert P.
; REGISTRATION NUMBER: 25,227
; REFERENCE/DOCKET NUMBER: 7639-042
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-3660
; TELEFAX: 415-854-3694
; TELEX: 66141 FENNIE
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21
; OTHER INFORMATION: /note= "Where N=i-inosine"
US-08-486-857-4

Query Match 3.6%; Score 15.2; DB 1; Length 23;
Best Local Similarity 81.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 263 GGTGCACCTGGAGCGGCGG 283
DB 3 GGTGCAGCTGGAGCAGTCNGG 23

RESULT 28

US-08-923-138-4
; Sequence 4, Application US/08923138
; Patent No. 6657103
; GENERAL INFORMATION:
; APPLICANT: Kucheralapati, Raju
; APPLICANT: Jakobovits, Aya
; APPLICANT: Klapholz, Sue
; APPLICANT: Brenner, Daniel G.
; APPLICANT: Capon, Daniel J.
; TITLE OF INVENTION: HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE
; FILE REFERENCE: CELL 4.8 FWC CPA
; CURRENT APPLICATION NUMBER: US/08/923,138

; CURRENT FILING DATE: 1997-09-16
; PRIOR APPLICATION NUMBER: 08/430,938
; PRIOR FILING DATE: 1995-04-27
; PRIOR APPLICATION NUMBER: 08/234,145
; PRIOR FILING DATE: 1994-04-28
; PRIOR APPLICATION NUMBER: 08/112,848
; PRIOR FILING DATE: 1993-08-27
; PRIOR APPLICATION NUMBER: 08/031,801
; PRIOR FILING DATE: 1993-03-15
; PRIOR APPLICATION NUMBER: 07/919,297
; PRIOR FILING DATE: 1992-07-24
; PRIOR APPLICATION NUMBER: 07/610,515
; PRIOR FILING DATE: 1990-11-09
; PRIOR APPLICATION NUMBER: 07/466,008
; PRIOR FILING DATE: 1990-01-12
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: Inosine
US-08-923-138-4

Query Match 3.6%; Score 15.2; DB 1; Length 23;
Best Local Similarity 81.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 263 GGTGCACCTGGAGCAGCGCGG 283
Db 3 GGTGCAGCTGGAGCAGCTCNGG 23

RESULT 29
US-09-472-087-104
; Sequence 104, Application US/09472087
; Patent No. 6682736
; GENERAL INFORMATION:
; APPLICANT: HANSON, DOUGLAS C.
; APPLICANT: NEVEU, MARK J.
; APPLICANT: MUELLER, BILLEN E.
; APPLICANT: HANKE, JEFFREY H.
; APPLICANT: GILMAN, STEVEN C.
; APPLICANT: DAVIS, C. GEOFFREY
; APPLICANT: CORVALAN, JOSE R.
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES TO CTLA-4
; FILE REFERENCE: ABX-PF1
; CURRENT APPLICATION NUMBER: US/09/472,087
; CURRENT FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 60/113,647
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURES:
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: 1
US-09-472-087-104

Query Match 3.6%; Score 15.2; DB 1; Length 23;
Best Local Similarity 81.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 263 GGTGCACCTGGAGCAGCGCGG 283

Db 3 GGTGCAGCTGGAGCAGCTCNGG 23
RESULT 30
US-09-853-798A-18
; Sequence 18, Application US/09853798A
; Patent No. 6599899
; GENERAL INFORMATION:
; APPLICANT: Rybczynski, Philip
; APPLICANT: et al.
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE 4H-BENZO[1,4]OXAZIN-3-ONES
; FILE REFERENCE: 431565566, patin2.1
; CURRENT APPLICATION NUMBER: US/09/853,798A
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-853-798A-18

Query Match 3.5%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 352 TCTACAGCGACTTCTCCTCACTTTC 374
Db 1 TCTGCAGTGCAGCTTCGTCAAATTC 23

RESULT 31
US-09-205-860-13
; Sequence 13, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RIS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-13

Query Match 3.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 105 GACCGCGACCGCAGCAAG 122
Db 1 GACCGCGACCGCAGGAAG 18

RESULT 32
US-08-589-939-37/c
; Sequence 37, Application US/08589939
; Patent No. 6015662
; GENERAL INFORMATION:
; APPLICANT: Hackett, Jr., John R.
; APPLICANT: Hoff, Jane A.
; APPLICANT: Ostrow, David H.
; APPLICANT: Golden, Alan M.
; TITLE OF INVENTION: REAGENTS FOR USE AS CALIBRATORS AND
; TITLE OF INVENTION: CONTROLS

NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESS: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: US
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,939
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5865.US.01
TELEPHONE: 847-935-1729
TELEFAX: 847-938-2623
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-589-939-37

Query Match 3.5%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 26 CGAGGCGCTGGGACGAAGA 43
Db 19 CGCGGGTGGGACGAAGA 2

RESULT 33
US-09-366-257-11
Sequence 11, Application US/09366257
Patent No. 6030837
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
FILE REFERENCE: RTS-0073
CURRENT APPLICATION NUMBER: US/09/366,257
CURRENT FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-366-257-11

Query Match 3.5%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 123 TACGGCATCTGCGCCGC 140
Db 3 TACGGCATGATGCCAGC 20

RESULT 34

US-09-416-756A-4
Sequence 4, Application US/09416756A
Patent No. 6171845
GENERAL INFORMATION:
APPLICANT: Degussa-Huls AG
TITLE OF INVENTION: PROCESS FOR THE PREPARATION OF PANTOTHENIC ACID BY
TITLE OF INVENTION: AMPLIFICATION OF NUCLEOTIDE SEQUENCES WHICH CODE FOR
TITLE OF INVENTION: KETOPANTOATE REDUCTASE
FILE REFERENCE: Elischewski
CURRENT APPLICATION NUMBER: US/09/416,756A
CURRENT FILING DATE: 1999-10-12
PRIOR APPLICATION NUMBER: DE 19846499.1
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-416-756A-4

Query Match 3.5%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 61 AGTCTCTGCCTACGAGG 78
Db 3 AGTCTCTTCACTACGAGG 20

RESULT 35
US-09-277-078-56/c
Sequence 56, Application US/09277078
Patent No. 6312949
GENERAL INFORMATION:
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Palmer, Theo
APPLICANT: Gage, Fred H.
TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 07251/031001
CURRENT APPLICATION NUMBER: US/09/277,078
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 56
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotides for PCR
US-09-277-078-56

Query Match 3.4%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 230 CAAATCGGGAGGCTGCTTCCC 250
Db 21 CAAATCTGACGGCTGATCCC 1

RESULT 36
US-09-593-711A-127/c
Sequence 127, Application US/09593711A
Patent No. 6271030
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION

```
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593.711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-127

Query Match      3.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      383 CGACGACGGCGCCCAAG 398
Db      16 CGACTACGGCGCCCAAG 1

RESULT 37
US-09-593-711A-128/c
; Sequence 128, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593.711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-128

Query Match      3.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      383 CGACGACGGCGCCCAAG 398
Db      20 CGACTACGGCGCCCAAG 5

RESULT 38
US-08-851-362D-1
; Sequence 1, Application US/08851362D
; Patent No. 6235883
; GENERAL INFORMATION:
; APPLICANT: Jakobovits, Aya
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Gallo, Michael
; APPLICANT: Jia, Xiao-Chi
; TITLE OF INVENTION: Human Monoclonal Antibodies to Epidermal
; FILE REFERENCE: Cell 4.20
; CURRENT APPLICATION NUMBER: US/08/851.362D
; CURRENT FILING DATE: 1997-05-05
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: human
US-08-851-362D-1
```

```
Query Match      3.4%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      263 GGTGCACCTGGAGCAG 278
Db      3 GGTGCAGCTGGAGCAG 18

RESULT 39
US-08-860-635A-12/c
; Sequence 12, Application US/08860635A
; Patent No. 6143878
; GENERAL INFORMATION:
; APPLICANT: Koopman, Peter
; APPLICANT: Goodfellow, Peter
; TITLE OF INVENTION: SOX-9 GENE AND PROTEIN AND
; TITLE OF INVENTION: USE IN THE REGENERATION OF BONE OR CARTILAGE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: NY
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/860.635A
; FILING DATE: 29-MAY-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PM9714
; FILING DATE: 29-NOV-1994
; APPLICATION NUMBER: AU PM9835
; FILING DATE: 05-DEC-1994
; APPLICATION NUMBER: PCT/AU95/00799
; FILING DATE: 29-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516-742-4343
; TELEFAX: 516-742-4366
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-860-635A-12

Query Match      3.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      350 GCTCTACAGCGACTTCCTC 368
Db      19 GTTCTTCCCGACTTCCTC 1

RESULT 40
US-09-281-476-12/c
; Sequence 12, Application US/09281476
; Patent No. 6316597
; GENERAL INFORMATION:
```

```

; APPLICANT: Koopman, Peter
; TITLE OF INVENTION: SOX-9 GENE AND PROTEIN AND
; CURRENT APPLICATION DATA:
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: NY
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/281,476
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/860,635
; FILING DATE:
; APPLICATION NUMBER: AU PM9835
; FILING DATE: 05-DEC-1994
; APPLICATION NUMBER: PCT/AU95/00799
; FILING DATE: 29-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10981
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516-742-4343
; TELEFAX: 516-742-4366
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-281-476-12

Query Match 3.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.6e-02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 350 GCTCTACGCGACTTCCTC 368
Db 19 GTCTTCACCGACTTCCTC 1

RESULT 41
US-08-219-842-62/c
; Sequence 62, Application US/08219842
; Patent No. 5565323
; GENERAL INFORMATION:
; APPLICANT: Parker, W. D.
; APPLICANT: Herntstadt, Corinna
; TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
; TITLE OF INVENTION: for Alzheimer's Disease
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/219,842
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-AG 9504
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-219-842-95

Query Match 3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e-02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/219,842
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-AG 9504
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-219-842-62

Query Match 3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e-02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GCCTTCGACTGGGTCTACT 174
Db 19 GGCTTCACCGGAGTACT 1

RESULT 42
US-08-219-842-95
; Sequence 95, Application US/08219842
; Patent No. 5565323
; GENERAL INFORMATION:
; APPLICANT: Parker, W. D.
; APPLICANT: Herntstadt, Corinna
; TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
; TITLE OF INVENTION: for Alzheimer's Disease
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/219,842
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-AG 9504
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-219-842-95

Query Match 3.3%; Score 14.2; DB 1; Length 20;

```

```
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GGCTTCGACTGGGTGACT 174
Db 2 GGCTTCACCGGAGTACT 20

RESULT 43
US-08-451-096-62/c
; Sequence 62, Application US/08451096
; Patent No. 5760205
; GENERAL INFORMATION:
; APPLICANT: Parker, W. D.
; APPLICANT: Herinstdadt, Corinna
; TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
; TITLE OF INVENTION: for Alzheimer's Disease
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,096
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-AG 9504
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-451-096-62

Query Match 3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GGCTTCGACTGGGTGACT 174
Db 2 GGCTTCACCGGAGTACT 20

RESULT 44
US-08-451-096-95
; Sequence 95, Application US/08451096
; Patent No. 5760205
; GENERAL INFORMATION:
; APPLICANT: Parker, W. D.
; APPLICANT: Herinstdadt, Corinna
; TITLE OF INVENTION: Diagnostic and Therapeutic Compositions
; TITLE OF INVENTION: for Alzheimer's Disease
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
```

```
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,096
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-AG 9504
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-451-096-95

Query Match 3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 156 GGCTTCGACTGGGTGACT 174
Db 2 GGCTTCACCGGAGTACT 20

RESULT 45
US-08-887-365-17/c
; Sequence 17, Application US/08887365
; Patent No. 5858760
; GENERAL INFORMATION:
; APPLICANT: Dalboege, Henrik
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Andersen, Lene N.
; APPLICANT: Christgau, Stephan P.
; APPLICANT: Heldt-Hansen, Hans P.
; TITLE OF INVENTION: AN ENZYME WITH PECTIN LYASE ACTIVITY
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5858760c No. 5858760disk of No. 5858760th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/887,365
; FILING DATE: 02-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/513,928
; FILING DATE: 26-SEP-1995
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Harrington, James J.
; REGISTRATION NUMBER: 38,711
; REFERENCE/DOCKET NUMBER: 3955.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-887-365-17

Query Match          3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 ACCGGTCTGGCGGCGGA 334
DB 20 ACGAGTGTGGCGGCCGA 2

RESULT 46
US-09-366-257-27
; Sequence 27, Application US/09366257
; Patent No. 6030837
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-MITOCHONDRIAL EXPRESSION
; FILE REFERENCE: RTS-0073
; CURRENT APPLICATION NUMBER: US/09/366,257
; CURRENT FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-366-257-27

Query Match          3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CCGCGCTGGCGGTGGAGGC 154
DB 2 CCAGCTGGCAGTGCAGGC 20

RESULT 47
US-09-326-186B-154/c
; Sequence 154, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-154

Query Match          3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 398 GAAGGTCTTCTACGTGATC 416
DB 19 GAAGGTCTTCTCTGAGC 1

RESULT 48
US-09-742-703-32/c
; Sequence 32, Application US/09742703
; Patent No. 6423543
; GENERAL INFORMATION:
; APPLICANT: Patrick Allen Marcotte
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTS-0090
; CURRENT APPLICATION NUMBER: US/09/742,703
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-32

Query Match          3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CCGCGGGGACCGGTGCTG 326
DB 20 CTCGGGGGACTGGGTGCTG 2

RESULT 49
US-09-920-663-12/c
; Sequence 12, Application US/09920663
; Patent No. 6426221
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
; FILE REFERENCE: RTS-0233
; CURRENT APPLICATION NUMBER: US/09/920,663
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-12

Query Match          3.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 300 GACCTGAGCCCGGGGACC 318
DB 20 GGCTGAGCGCCCGGACC 2

RESULT 50
```

```

US-09-485-077A-2
; Sequence 2, Application US/09485077A
; Patent No. 6458590
; GENERAL INFORMATION:
; APPLICANT: Mukherjee, Anil
; APPLICANT: Kunda, Gopal
; APPLICANT: Panda, Dibyendu
; TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis
; FILE REFERENCE: NIH-05047
; CURRENT FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: PCT/US98/16569
; PRIOR FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: 60/054,967
; PRIOR FILING DATE: 1997-07-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-485-077A-2

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 48 CACCACTCAGAGGATCTC 66
      |||||
Db 1 CACCAGTCTGATGATCTC 19

RESULT 51
US-07-937-609-5/c
; Sequence 5, Application US/07937609
; Patent No. 5319073
; GENERAL INFORMATION:
; APPLICANT: WANK, Stephen A.
; TITLE OF INVENTION: CLONING AND FUNCTIONAL EXPRESSION OF
; TITLE OF INVENTION: CHOLECYSTOKININ RECEPTOR-ENCODING DNA
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/937,609
; FILING DATE: 19920902
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/831,248
; FILING DATE: 07-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/861,769
; FILING DATE: 01-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/928,033
; FILING DATE: 11-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 40399/166 NIHD
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-937-609-5

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 241 GCTGCTTCCCGGCTCGGC 259
      |||||
Db 20 GCTGCTGCCAGTCTCGGC 2

RESULT 52
US-08-851-350-31
; Sequence 31, Application US/08851350
; Patent No. 6057122
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; TITLE OF INVENTION: NOVEL ANTIANGIOGENIC PEPTIDES,
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING SAME AND METHODS
; TITLE OF INVENTION: FOR INHIBITING ANGIOGENESIS
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,350
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Casuto, Dianne
; REGISTRATION NUMBER: 40,943
; REFERENCE/DOCKET NUMBER: 5940.US.P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-938-3137
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-851-350-31

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CGCGCAGCAGCGCGCAAG 398
      |||||
Db 3 CGCGCAGCAGCAGCAGCAAG 21

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RESULT 53
US-08-851-350-32/c
; Sequence 32, Application US/08851350
; Patent No. 6057122
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; TITLE OF INVENTION: NOVEL ANTIANGIOGENIC PEPTIDES,
; POLYNUCLEOTIDES ENCODING SAME AND METHODS
; TITLE OF INVENTION: FOR INHIBITING ANGIOGENESIS
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,350
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Casuto, Dianne
; REGISTRATION NUMBER: 40,943
; REFERENCE/DOCKET NUMBER: 5940.US.P2
; TELEPHONE: 847-938-3137
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-851-350-32

Query Match 3.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGCGCAAG 398
DB 19 CGGCGACGACGCGCAAG 1

RESULT 54
US-08-029-170-5/c
; Sequence 5, Application US/08029170
; Patent No. 6169173
; GENERAL INFORMATION:
; APPLICANT: WANK, Stephen A.
; TITLE OF INVENTION: CLONING AND FUNCTIONAL EXPRESSION OF
; TITLE OF INVENTION: CHOLECYSTOKININ RECEPTOR-ENCODING DNA
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/029,170
; FILING DATE: 19930310
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,609
; FILING DATE: 02-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/928,033
; FILING DATE: 11-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/861,769
; FILING DATE: 01-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/831,248
; FILING DATE: 07-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 40399/166 NIHD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-029-170-5

Query Match 3.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 241 GCTGCTTCGCGGCTCGGC 259
DB 20 GCTGCTGCCAGTGCTCGGC 2

RESULT 55
US-09-283-011-32/c
; Sequence 32, Application US/09283011
; Patent No. 6207401
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory
; APPLICANT: Mossie, Kevin
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
; TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/283,011
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

```

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; APPLICATION NUMBER: 09/012,135
; FILING DATE: January 22, 1998
; APPLICATION NUMBER: 08/755,728
; FILING DATE: No. 6207401ender 25, 1996
; APPLICATION NUMBER: 60/023,943
; FILING DATE: August 14, 1996
; APPLICATION NUMBER: 60/008,809
; FILING DATE: December 18, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 231/282
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-283-011-32
Query Match 3.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 148 TGGAGCGCGGCTTCGACTG 166
Db 21 TGGAGGCAAGCTTCGACTG 3

RESULT 56
US-09-423-890-28
; Sequence 28, Application US/09423890
; Patent No. 6312934
; GENERAL INFORMATION:
; APPLICANT: CADUS PHARMACEUTICAL CORPORATION
; TITLE OF INVENTION: HUMAN MEKK PROTEIN AND NUCLEIC ACID MOLECULES
; FILE REFERENCE: CPI-085CPPC
; CURRENT APPLICATION NUMBER: US/09/423,890
; CURRENT FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: USSN 60/078,153
; PRIOR FILING DATE: 1998-03-16
; PRIOR APPLICATION NUMBER: USSN 60/099,165
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
;
US-09-423-890-28
Query Match 3.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 289 AGCTGGTGAAGGACCTGAG 307
Db 3 AGCTGGTGGAGGACCGAAG 21

RESULT 57
US-08-585-684B-50
; Sequence 50, Application US/08585684B
; Patent No. 587021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
```

```
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-585-684B-50
Query Match 3.3%; Score 14; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.2e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 401 GGTCTTCTACGTGA 414
Db 2 GGUCUUCUACGUGA 15

RESULT 58
US-09-038-073-50
; Sequence 50, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```


MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038.073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-50

Query Match 3.3%; Score 14; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.2e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 401 GGTCTTCTACGTGA 414
DB 2 GGUCUUCUACGUGA 15

RESULT 59
US-08-912-129A-77/c
Sequence 77, Application US/08912129A
Patent No. 592533
GENERAL INFORMATION:
APPLICANT: VALLARI, ANADRUZELA S.
APPLICANT: HACKETT, JOHN JR.
APPLICANT: HICKMAN, ROBERT K.
APPLICANT: VARITEK, VINCENT A. JR.
APPLICANT: NECKLAWS, ELIZABETH A.
APPLICANT: GOLDEN, ALAN M.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: DEVARE, SUSHIL G.
TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATION
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: Danckers, Andreas M.
REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 6109.US.01

TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-129A-77

Query Match 3.3%; Score 14; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 264 GTGCACCTGGACGAGG 279
DB 16 GYGCACTGGAGTAGG 1

RESULT 60
US-08-981-321-6/c
Sequence 6, Application US/08981321A
Patent No. 614871
GENERAL INFORMATION:
APPLICANT: GARCIA LOPEZ, et al, Jose Luis
TITLE OF INVENTION: PROCESS FOR MODIFYING THE ENZYME
TITLE OF INVENTION: 7B-(4-CARBOXYBUTANAMIDE) CE PHALOS PORI NACYLAS E AND
TITLE OF INVENTION: PURIFYING SAID ENZYME IN A SINGLE CHROMATOGRAPHIC STEP
FILE REFERENCE: U-011559-6
CURRENT APPLICATION NUMBER: US/08/981,321A
CURRENT FILING DATE: 1998-08-13
EARLIER APPLICATION NUMBER: PCT/ES97/00098
EARLIER FILING DATE: 1997-04-19
EARLIER APPLICATION NUMBER: P9600890
EARLIER FILING DATE: 1996-04-19
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide from gla gene modified
OTHER INFORMATION: to include a Sma. I restriction site
FEATURE:
OTHER INFORMATION: Gla gene modified to encode six histidines
US-08-981-321-6

Query Match 3.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 248 CCCGGGCTCGGCCA 261
DB 15 CCCGGGCTCGGCCA 2

RESULT 61
US-09-428-696-57/c
Sequence 57, Application US/09428696
Patent No. 6165789
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
FILE REFERENCE: RTS-0111
CURRENT APPLICATION NUMBER: US/09/428,696
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 57
LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Antisense Oligonucleotide
US-09-428-696-57

Query Match      3.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 142 TGGCGGTGGAGGCC 155
Db 19 TGGCGGTGGAGGCC 6

RESULT 62
US-09-422-978-8409/c
; Sequence 8409, Application US/09422978
; Patent No. 5637751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Daniel
; APPLICANT: Chumakov, Il'ya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CF1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8409
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURES:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-15296 for SEQ 544, in compleme
US-09-422-978-8409

Query Match      3.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 205 TGAAGCAGAGAAC 218
Db 14 TGAAGCAGAGAAC 1

RESULT 63
US-08-379-078-457/c
; Sequence 457, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 458:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```

```
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 457:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-457

Query Match      3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 141 CTGGCGGTGGAGCCGG 157
Db 17 CTGGCGGTGGAGCCG 1

RESULT 64
US-08-379-078-458/c
; Sequence 458, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 458:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```

```

; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEetical: NO
; ANTI-SENSE: NO
US-08-379-078-458

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```

Query Match          3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 141 CTGGCGGTGGAGCGCGG 157
DB 17 CTGGCGGTGGAGCGCCAG 1

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RESULT 65

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US-07-974-409C-70/c
; Sequence 70, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEtical: NO
; ANTI-SENSE: NO
US-07-974-409C-70

```

```

Query Match          3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

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QY 141 CTGGCGGTGGAGCGCGG 157
DB 17 CTGGCGGTGGAGCGCCAG 1

```

RESULT 66

```
US-07-974-409C-71/c
```

```

; Sequence 71, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEtical: NO
; ANTI-SENSE: NO
US-07-974-409C-71

```

```

Query Match          3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 141 CTGGCGGTGGAGCGCGG 157
DB 17 CTGGCGGTGGAGCGCCAG 1

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RESULT 67

```

US-09-673-809-86
; Sequence 86, Application US/09673809
; Patent No. 6528261
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT99.86.HLA
; CURRENT APPLICATION NUMBER: US/09/673,809
; CURRENT FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870088.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 86
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-673-809-86

```

```
Query Match          3.2%; Score 13.8; DB 1; Length 17;
```

Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 298 AGGACCTGAGCCCGGG 314
Db 1 AGGACCTGAGCTCTCG 17

RESULT 68

US-09-866-108A-5999/c
; Sequence 5989, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5989

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5999

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 353 CTACAGGACTTCTCTCA 359
Db 17 CTACAGGACTTCTCTCA 1

RESULT 69

US-09-866-108A-5990/c
; Sequence 5990, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5989

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5999

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 353 CTACAGGACTTCTCTCA 359
Db 17 CTACAGGACTTCTCTCA 1

RESULT 70

US-09-866-108A-5991/c
; Sequence 5991, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5990

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5990

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 352 TCTACAGGACTTCTCTC 368
Db 17 TCTACAGGACTTCTCTC 1

APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5990
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5990

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 352 TCTACAGGACTTCTCTC 368
Db 17 TCTACAGGACTTCTCTC 1

RESULT 70

US-09-866-108A-5991/c
; Sequence 5991, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5991

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5991

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 352 TCTACAGGACTTCTCTC 368
Db 17 TCTACAGGACTTCTCTC 1

PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
BEST LOCAL SIMILARITY 88.2%; Score 13.8; DB 1; Length 17;
PRED. NO. 1.6e+02;
MATCHES 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
PATENT NO. 6686188
SEQ ID NO 5991
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5991

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 351 CTCTACAGGACTTCTCT 367
DB 17 CTCTACATGGACTTCTCT 1

RESULT 71
US-09-866-108A-7560
Sequence 7560, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
PATENT NO. 6686188
SEQ ID NO 7560
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7560

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 351 CTCTACAGGACTTCTCT 367
DB 17 CTCTACATGGACTTCTCT 1

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
BEST LOCAL SIMILARITY 88.2%; Score 13.8; DB 1; Length 17;
PRED. NO. 1.6e+02;
MATCHES 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
PATENT NO. 6686188
SEQ ID NO 5991
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-5991

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
BEST LOCAL SIMILARITY 88.2%; Score 13.8; DB 1; Length 17;
PRED. NO. 1.6e+02;
MATCHES 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
PATENT NO. 6686188
SEQ ID NO 7560
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7562

RESULT 72
US-09-866-108A-7562
Sequence 7562, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
PATENT NO. 6686188
SEQ ID NO 7562
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7562

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 387 GACGGGCGCCCAAGAGT 403
DB 1 GACGGGCGCCCAAGAGT 17

RESULT 73
PCT-US93-00977-70/c
Sequence 70, Application PC/TUS9300977
GENERAL INFORMATION:
TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 711
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor

;; CITY: Newport Beach
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92660
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: IBM PC compatible
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US93/00977
;; FILING DATE: 19930129
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Altman, Daniel E.
;; REGISTRATION NUMBER: 34,115
;; REFERENCE/DOCKET NUMBER: HITACHI.006H
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 714-760-0404
;; TELEFAX: 714-760-9502
;; INFORMATION FOR SEQ ID NO: 70:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna to mRNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
PCT-US93-00977-70

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 141 CTGGCGGTGGAGCCGG 157
Db 17 CTGGCGGTGGAGCCGAG 1

RESULT 74
US-09-322-478-2/c
; Sequence 71, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID

;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna to mRNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
PCT-US93-00977-71

Query Match 3.2%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 141 CTGGCGGTGGAGCCGG 157
Db 17 CTGGCGGTGGAGCCGAG 1

RESULT 75
US-09-322-478-2/c
; Sequence 2, Application US/09322478
; Patent No. 6331662
; GENERAL INFORMATION:
; APPLICANT: Voytas, David A.
; TITLE OF INVENTION: Plant Retroelements and Methods Related Thereto
; FILE REFERENCE: P-1065 ISURF Plant Retroelement
; CURRENT APPLICATION NUMBER: US/09/322.478
; CURRENT FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: 60/087125
; EARLIER FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-322-478-2

Query Match 3.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 380 CCGCAGCAGCGGCCA 396
Db 17 CCGCAGCAGCGGCCA 1

RESULT 76
US-09-673-809-44
; Sequence 44, Application US/09673809
; Patent No. 6528261
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT9.86.HLA
; CURRENT APPLICATION NUMBER: US/09/673.809
; CURRENT FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870088.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-673-809-44

Query Match 3.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 298 AGGACCTGAGCCCGG 314
Db 2 AGGACCTGAGCTCTGG 18

RESULT 77
US-09-347-613C-39
; Sequence 39, Application US/09347613C
; Patent No. 6593133
; GENERAL INFORMATION:
; APPLICANT: Johansen, Teit E.
; APPLICANT: Blom, Nikola
; APPLICANT: Hansen, Claus
; TITLE OF INVENTION: No. 6593133el Neurotrophic Factors
; FILE REFERENCE: NeuroSearch 19313-001
; CURRENT APPLICATION NUMBER: US/09/347,613C
; CURRENT FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: DANISH 1998 00904
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: USSN 60/092,229
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: DANISH 1998 01048
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: USSN 60/097,774
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: DANISH 1998 01260
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: USSN 60/103,908
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: DANISH 1998 01265
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-347-613C-39

Query Match 3.2%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 380 CCGCAGCAGCGCCCA 396
Db 2 CTGCGACGACTGCGCCA 18

RESULT 78
US-08-640-672-6/c
; Sequence 6, Application US/08640672
; Patent No. 5789168
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: METHOD FOR AMPLIFICATION AND SEQUENCING
; TITLE OF INVENTION: OF NUCLEIC ACID POLYMERS
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/640,672

; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VSEN.P-020-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE: human
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for DR2 alleles of
; OTHER INFORMATION: HLA class II genes
US-08-640-672-6

Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 79 GCGGCGCAGTGACATC 95
Db 18 GCGGCGCGTGACACC 2

RESULT 79
US-08-684-498A-6/c
; Sequence 6, Application US/08684498A
; Patent No. 5830657
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: Larson, Marina T.
; TITLE OF INVENTION: METHOD FOR SINGLE-TUBE SEQUENCING OF
; TITLE OF INVENTION: NUCLEIC ACID POLYMERS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/684,498A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/640,672
; FILING DATE: 1 May 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-031-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE: information: amplification primer for DR2 alleles of
OTHER INFORMATION: HLA Class II genes
US-08-684-498A-6

Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 79 GCGCGCGAGTGGACATC 95
Db 18 GCGCGCGGTGGACACC 2

RESULT 80

US-08-577-858A-6/c
Sequence 6, Application US/08577858A
Patent No. 5834189

GENERAL INFORMATION:

APPLICANT: Stevens, John K.
APPLICANT: Dunn, James M.
APPLICANT: Leushner, James
TITLE OF INVENTION: Method for Evaluation of Polymorphic
TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
TITLE OF INVENTION: Types
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,858A
FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-019-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:

LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE: information: amplification primer for DR2 alleles of
OTHER INFORMATION: HLA Class II genes
US-08-577-858A-6

Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 79 GCGCGCGAGTGGACATC 95
Db 18 GCGCGCGGTGGACACC 2

RESULT 81

US-08-611-280-10
Sequence 10, Application US/08611280
Patent No. 5891666

GENERAL INFORMATION:

APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRP POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
COUNTRY: Canada
ZIP: L5N 6J8

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/611,280
FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Olecki, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-338A
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-611-280-10

Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 CAGAGTGAAGTGGCG 20
Db 3 CAGAGTGAAGTGGCG 19

RESULT 82

US-09-195-940-10
; Sequence 10, Application US/09195940
; Patent No. 6258315
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Grossman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Angen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,940
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/611,280
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-195-940-10
Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4 CAGGAGTGAAGTGGG 20
Db 3 CAGAGTGAAGTGGG 19
RESULT 83
US-09-562-466-10
; Sequence 10, Application US/09562466
; Patent No. 6369202
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Grossman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Angen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/562,466
; FILING DATE: 01-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/195,940
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-562-466-10
Query Match 3.2%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 4 CAGGAGTGAAGTGGG 20
Db 3 CAGAGTGAAGTGGG 19
RESULT 84
US-08-214-861-3/c
; Sequence 3, Application US/08214861
; Patent No. 5550040
; GENERAL INFORMATION:
; APPLICANT: Silver, Sheryl B.
; APPLICANT: Purohit, Ashok P.
; TITLE OF INVENTION: Method and Reagents for Detection of
; TITLE OF INVENTION: Neisseria Gonorrhoeae
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patricia S. Rocha
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,861
; FILING DATE: 17-MAR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/082,851
; FILING DATE: 23-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: ROCHA, PATRICIA S
; REGISTRATION NUMBER: 31054
; REFERENCE/DOCKET NUMBER: CD 8698
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-2441
; TELEFAX: (201) 235-3500
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO

```
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
US-08-214-861-3
Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 367 TCACCTTCCTGGACCGC 383
Db 17 TCACCTCCCTGACCGC 1

RESULT 85
US-08-308-949A-18/c
; Sequence 18, Application US/08308949A
; Patent No. 5580703
; GENERAL INFORMATION:
; APPLICANT: Kotin, Robert M.
; APPLICANT: Berns, Kenneth I.
; APPLICANT: Linden, Ralph M.
; TITLE OF INVENTION: Human Adeno-Associated Virus Integration
; TITLE OF INVENTION: Site DNA and Uses Thereof
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/308,949A
; FILING DATE: September 20, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/947,127
; FILING DATE: September 27, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Carroll, Alice O.
; REGISTRATION NUMBER: 33,542
; REFERENCE/DOCKET NUMBER: ACC92-10F
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-308-949A-18
Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 81 CGCGCAGTGGACATCAC 97
Db 20 CGTCAGAGGACATCAC 4

RESULT 86
US-08-470-202-17/c
; Sequence 17, Application US/08470202
; Patent No. 5759808
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht v.
; APPLICANT: Knapp, Stefan
```

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; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht v.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: Retrovirus from the HIV Group and Its
; TITLE OF INVENTION: Use
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,202
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/132,653
; FILING DATE: 05-OCT-1993
; APPLICATION NUMBER: DE P 42 33 646.5
; FILING DATE: 06-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 42 35 718.7
; FILING DATE: 22-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 42 44 541.8
; FILING DATE: 30-DEC-1992
; APPLICATION NUMBER: DE P 43 18 186.4
; FILING DATE: 01-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael J. Blake
; REGISTRATION NUMBER: 37,096
; REFERENCE/DOCKET NUMBER: 05495-0001-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-470-202-17
Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GGCTGCTTCCCGGCTC 256
Db 17 GGATGCTTCCAGGCTC 1

RESULT 87
US-08-471-770-17/c
; Sequence 17, Application US/08471770
; Patent No. 5770427
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht v.
; APPLICANT: Knapp, Stefan
```

APPLICANT: Hauser, Hans-Peter
 TITLE OF INVENTION: Retrovirus from the HIV Group and Its
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ADDRESS: Dunner
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/471,770
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/132,653
 FILING DATE: 05-OCT-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 33 646.5
 FILING DATE: 06-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 35 718.7
 FILING DATE: 22-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 44 541.8
 FILING DATE: 30-DEC-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 43 18 186.4
 FILING DATE: 01-JUN-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Carol P. Einaudi
 REGISTRATION NUMBER: 32,220
 REFERENCE/DOCKET NUMBER: 05495-0001-03000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4000
 TELEFAX: 202-408-4400
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-471-770-17

Query Match 3.2%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 240 GGCTGCTTCCCGGGCTC 256
 DB 17 GGATGCTTCCAGGGCTC 1

RESULT 88
 US-08-468-059-17/c
 Sequence 17, Application US/08468059
 Patent No. 5840480
 GENERAL INFORMATION:
 APPLICANT: Guertler, Lutz G.
 APPLICANT: Eberle, Josef
 APPLICANT: Brunn, Albrecht v.
 APPLICANT: Knapp, Stefan
 APPLICANT: Hauser, Hans-Peter
 TITLE OF INVENTION: Retrovirus from the HIV Group and Its

TITLE OF INVENTION: Use
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ADDRESS: Dunner
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/468,059
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/132,653
 FILING DATE: 05-OCT-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 33 646.5
 FILING DATE: 06-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 35 718.7
 FILING DATE: 22-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 42 44 541.8
 FILING DATE: 30-DEC-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DE P 43 18 186.4
 FILING DATE: 01-JUN-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Carol P. Einaudi
 REGISTRATION NUMBER: 32,220
 REFERENCE/DOCKET NUMBER: 05495-0001-02000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4000
 TELEFAX: 202-408-4400
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-468-059-17

Query Match 3.2%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 240 GGCTGCTTCCCGGGCTC 256
 DB 17 GGATGCTTCCAGGGCTC 1

RESULT 89
 US-08-855-910-51/c
 Sequence 51, Application US/08855910
 Patent No. 6221640
 GENERAL INFORMATION:
 APPLICANT: Tao, Jianshi
 APPLICANT: Sassanfar, Mandana
 APPLICANT: Gallant, Paul L.
 APPLICANT: Shen, Xiaoyu
 APPLICANT: Avruch, Anthony S.
 APPLICANT: Yu, Russell V.
 APPLICANT: Nair, Shamila
 TITLE OF INVENTION: ENTEROCOCCAL AMINOACYL-tRNA SYNTHETASE

TITLE OF INVENTION: PROTEINS, NUCLEIC ACIDS AND STRAINS COMPRISING SAME
NUMBER OF SEQUENCES: 71
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/855,910
FILING DATE: 14-MAY-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brook, David B.
REGISTRATION NUMBER: 22,592
REFERENCE/DOCKET NUMBER: CPI95-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-855-910-51

Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 128 CATCTGCGCCGCTGG 144
Db 19 CATGCTGTCGCGCTGG 3

RESULT 90
US-09-109-916-17/c
; Sequence 17, Application US/09109916
; Patent No. 6277561
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht V.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: RETROVIRUS FROM HIV GROUP AND ITS USE
; FILE REFERENCE: 05495.0001-04
; CURRENT APPLICATION NUMBER: US/09/109,916
; CURRENT FILING DATE: 1998-07-02
; EARLIER APPLICATION NUMBER: DE P 42 33 646.5
; EARLIER FILING DATE: 1992-10-06
; EARLIER APPLICATION NUMBER: DE P 42 35 718.7
; EARLIER FILING DATE: 1992-10-22
; EARLIER APPLICATION NUMBER: DE P 42 44 541.8
; EARLIER FILING DATE: 1992-12-30
; EARLIER APPLICATION NUMBER: DE P 43 18 186.4
; EARLIER FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-109-916-17

Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 240 GCGTCTTCCCGGGCTC 256
Db 17 GGATGCTTCCAGGGCTC 1

RESULT 91
US-09-496-694B-200/c
; Sequence 200, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-200

Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 358 GCGACTTCTCTCACTTC 374
Db 19 GCGCTTCTCTCACTGTC 3

RESULT 92
US-09-920-663-13/c
; Sequence 13, Application US/09920663
; Patent No. 6426221
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP2 EXPRESSION
; FILE REFERENCE: RTS-0233
; CURRENT APPLICATION NUMBER: US/09/920,663
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-663-13

Query Match 3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 302 CCTGAGCCCGGGGACC 318
Db 20 CCTGAGCCCGGGGACC 4

```

RESULT 93
US-09-886-156-17/c
; Sequence 17, Application US/09886156
; Patent No. 6528626
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht V.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: RETROVIRUS FROM HIV GROUP AND ITS USE
; FILE REFERENCE: 05495.0001-04
; CURRENT APPLICATION NUMBER: US/09/886,156
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US/09/109,916
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: DE P 42 33 646.5
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: DE P 42 35 718.7
; PRIOR FILING DATE: 1992-10-22
; PRIOR APPLICATION NUMBER: DE P 42 44 541.8
; PRIOR FILING DATE: 1992-12-30
; PRIOR APPLICATION NUMBER: DE P 43 18 186.4
; PRIOR FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-886-156-17

```

```

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      240 GGCTGCTTCCCGGGCTC 256
DB      17 GGATGCTTCCAGGGCTC 1

```

```

RESULT 94
US-09-886-149-17/c
; Sequence 17, Application US/09886149
; Patent No. 6531137
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht V.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: RETROVIRUS FROM HIV GROUP AND ITS USE
; FILE REFERENCE: 05495.0001-04
; CURRENT APPLICATION NUMBER: US/09/886,149
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 09/109,916
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: DE P 42 33 646.5
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: DE P 42 35 718.7
; PRIOR FILING DATE: 1992-10-22
; PRIOR APPLICATION NUMBER: DE P 42 44 541.8
; PRIOR FILING DATE: 1992-12-30
; PRIOR APPLICATION NUMBER: DE P 43 18 186.4
; PRIOR FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-886-149-17

```

```

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      240 GGCTGCTTCCCGGGCTC 256
DB      17 GGATGCTTCCAGGGCTC 1

```

```

RESULT 95
US-09-886-150-17/c
; Sequence 17, Application US/09886150
; Patent No. 6531587
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht V.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: RETROVIRUS FROM HIV GROUP AND ITS USE
; FILE REFERENCE: 05495.0001-04
; CURRENT APPLICATION NUMBER: US/09/886,150
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 09/109,916
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: DE P 42 33 646.5
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: DE P 42 35 718.7
; PRIOR FILING DATE: 1992-10-22
; PRIOR APPLICATION NUMBER: DE P 42 44 541.8
; PRIOR FILING DATE: 1992-12-30
; PRIOR APPLICATION NUMBER: DE P 43 18 186.4
; PRIOR FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-886-150-17

```

```

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      240 GGCTGCTTCCCGGGCTC 256
DB      17 GGATGCTTCCAGGGCTC 1

```

```

RESULT 96
US-09-886-159-17/c
; Sequence 17, Application US/09886159
; Patent No. 6551824
; GENERAL INFORMATION:
; APPLICANT: Guertler, Lutz G.
; APPLICANT: Eberle, Josef
; APPLICANT: Brunn, Albrecht V.
; APPLICANT: Knapp, Stefan
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: RETROVIRUS FROM HIV GROUP AND ITS USE
; FILE REFERENCE: 05495.0001-04
; CURRENT APPLICATION NUMBER: US/09/886,159
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US/09/109,916
; PRIOR FILING DATE: 1998-07-02

```

```
; PRIOR APPLICATION NUMBER: DE P 42 33 646.5
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: DE P 42 35 718.7
; PRIOR FILING DATE: 1992-10-22
; PRIOR APPLICATION NUMBER: DE P 42 44 541.8
; PRIOR FILING DATE: 1992-12-30
; PRIOR APPLICATION NUMBER: DE P 43 18 186.4
; PRIOR FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-886-159-17

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCTCTCCCGGCTC 256
DB 17 GGATGCTTCCAGGGCTC 1

RESULT 97
US-09-495-714C-81
; Sequence 81, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-81

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 GCTCTACACGACTTCC 366
DB 3 GCTCCACAGTGACTTCC 19

RESULT 98
US-08-042-747A-11
; Sequence 11, Application US/08042747A
; Patent No. 5487969
; GENERAL INFORMATION:
; APPLICANT: Eberle, Richard
; APPLICANT: Black, Darla
; APPLICANT: Scinicariello, Franco
; APPLICANT: Hilliard, Julia K.
; TITLE OF INVENTION: Cloning and Amplification of Monkey B
; TITLE OF INVENTION: Virus Genes
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cox & Smith Incorporated
; STREET: 112 East Pecan Street, Suite 2000
; CITY: San Antonio
; STATE: Texas
; COUNTRY: USA
; ZIP: 78205

; PRIOR APPLICATION NUMBER: DE P 42 33 646.5
; PRIOR FILING DATE: 1992-10-06
; PRIOR APPLICATION NUMBER: DE P 42 35 718.7
; PRIOR FILING DATE: 1992-10-22
; PRIOR APPLICATION NUMBER: DE P 42 44 541.8
; PRIOR FILING DATE: 1992-12-30
; PRIOR APPLICATION NUMBER: DE P 43 18 186.4
; PRIOR FILING DATE: 1993-06-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-886-159-17

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCTCTCCCGGCTC 256
DB 17 GGATGCTTCCAGGGCTC 1

RESULT 97
US-09-495-714C-81
; Sequence 81, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495,714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-81

Query Match      3.2%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 GCTCTACACGACTTCC 366
DB 3 GCTCCACAGTGACTTCC 19

RESULT 98
US-08-042-747A-11
; Sequence 11, Application US/08042747A
; Patent No. 5487969
; GENERAL INFORMATION:
; APPLICANT: Eberle, Richard
; APPLICANT: Black, Darla
; APPLICANT: Scinicariello, Franco
; APPLICANT: Hilliard, Julia K.
; TITLE OF INVENTION: Cloning and Amplification of Monkey B
; TITLE OF INVENTION: Virus Genes
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cox & Smith Incorporated
; STREET: 112 East Pecan Street, Suite 2000
; CITY: San Antonio
; STATE: Texas
; COUNTRY: USA
; ZIP: 78205

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/042,747A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haymond, W. Bradley
; REGISTRATION NUMBER: 35186
; REFERENCE/DOCKET NUMBER: S-0072.179
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 210-554-5500
; TELEFAX: 210-226-8395
; TELEX: 767609
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-042-747A-11

Query Match      3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 22 TGACCGAGGCTGGGAC 38
DB 2 TCACCGTGGCTGGGAC 18

RESULT 99
US-08-277-857-19
; Sequence 19, Application US/08277857
; Patent No. 5733781
; GENERAL INFORMATION:
; APPLICANT: Thomas Brendan Ryder
; APPLICANT: Theodore Jesse Kwch
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING
; TITLE OF INVENTION: PROPAGATION OF HUMAN
; TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 6.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/277,857
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Heber, Sheldon O.
; REGISTRATION NUMBER: P-38,179
; REFERENCE/DOCKET NUMBER: 207/147
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 945-0440
; TELEX: 67-3510
```

```

US-08-277-857-70/c
; Sequence 70, Application US/08277857
; Patent No. 5733781
; GENERAL INFORMATION:
; APPLICANT: Thomas Brendan Ryder
; APPLICANT: Theodore Jesse Kwoh
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING
; TITLE OF INVENTION: PROPAGATION OF HUMAN
; TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 6.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/277,857
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Heber, Sheldon C.
; REGISTRATION NUMBER: P-38,179
; REFERENCE/DOCKET NUMBER: 207/147
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 945-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-277-857-70

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred.No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0

Qy 240 GGCTGCTTCCGGGGCTC 256
Db 17 GGATGCTTCCAGGGCTC 1

RESULT 102
US-08-277-857-95/c
; Sequence 95, Application US/08277857
; Patent No. 5733781
; GENERAL INFORMATION:
; APPLICANT: Thomas Brendan Ryder
; APPLICANT: Theodore Jesse Kwoh
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR INHIBITING
; TITLE OF INVENTION: PROPAGATION OF HUMAN
; TITLE OF INVENTION: IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 6.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/277,857
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: P-38,179
REFERENCE/DOCKET NUMBER: 207/147
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 945-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-277-857-95

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GGTCGCTTCCCGGGCTC 256
DB 17 GGATGCTTCCAGGGCTC 1

RESULT 103
US-08-253-877C-73
Sequence 73, Application US/08253877C
Patent No. 5773001
GENERAL INFORMATION:
APPLICANT: Hamann, Philip R.
APPLICANT: Hamann, Lois
APPLICANT: Hollander, Irwin
APPLICANT: Holcomb, Ryan
APPLICANT: Hallett, William
APPLICANT: Tsou, Hwei-Ru
APPLICANT: Weiss, Martin J.
TITLE OF INVENTION: Conjugates of Methylthio Antitumor
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07470-8426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 26-JUN-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 32,368
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-831-3246
TELEFAX: 201-831-3246

TELEFAX: 201-831-3305
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-253-877C-73

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 241 GCTGCTTCCCGGGCTCG 257
DB 3 GTTGCTTCCCGGGCGG 19

RESULT 104
US-08-452-164A-73
Sequence 73, Application US/08452164A
Patent No. 5877296
GENERAL INFORMATION:
APPLICANT: Hamann, Philip R.
APPLICANT: Hamann, Lois
APPLICANT: Hollander, Irwin
APPLICANT: Holcomb, Ryan
APPLICANT: Hallett, William
APPLICANT: Tsou, Hwei-Ru
APPLICANT: Weiss, Martin J.
TITLE OF INVENTION: Conjugates of Methylthio Antitumor
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Home Products Corporation
STREET: One Campus Drive
CITY: Parsippany
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07054
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 26-MAY-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Barnhard, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 32,368-04
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-683-2158
TELEFAX: 201-683-4117
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-452-164A-73

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 241 GCTGCTTCCCGGGCTCG 257
DB 3 GTTGCTTCCCGGGCGG 19


```

RESULT 105
PCT-US95-09080-19
; Sequence 19, Application PC/TUS9509080
; GENERAL INFORMATION:
; APPLICANT: GEN-PROBE INCORPORATED
; APPLICANT: 9880 Campus Point Drive
; APPLICANT: San Diego, California
; APPLICANT: 92121
; APPLICANT: U.S.A.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: INHIBITING PROPAGATION OF
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY
; TITLE OF INVENTION: VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/09080
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/277,857
; FILING DATE: 19 JUL 94
; ATTORNEY/AGENT INFORMATION:
; NAME: Heber, Sheldon O.
; REGISTRATION NUMBER: 38,179
; REFERENCE/DOCKET NUMBER: 207/147-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-09080-19

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GGCTGCTTCCGGGCTC 256
DB 5 GGAUGCUUCCAGGGCTC 21

RESULT 106
PCT-US95-09080-44
; Sequence 44, Application PC/TUS9509080
; GENERAL INFORMATION:
; APPLICANT: GEN-PROBE INCORPORATED
; APPLICANT: 9880 Campus Point Drive
; APPLICANT: San Diego, California
; APPLICANT: 92121
; APPLICANT: U.S.A.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: INHIBITING PROPAGATION OF
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY

```

```

; TITLE OF INVENTION: VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/09080
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/277,857
; FILING DATE: 19 JUL 94
; ATTORNEY/AGENT INFORMATION:
; NAME: Heber, Sheldon O.
; REGISTRATION NUMBER: 38,179
; REFERENCE/DOCKET NUMBER: 207/147-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-09080-44

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GGCTGCTTCCGGGCTC 256
DB 5 GGAUGCUUCCAGGGCTC 21

RESULT 107
PCT-US95-09080-70/c
; Sequence 70, Application PC/TUS9509080
; GENERAL INFORMATION:
; APPLICANT: GEN-PROBE INCORPORATED
; APPLICANT: 9880 Campus Point Drive
; APPLICANT: San Diego, California
; APPLICANT: 92121
; APPLICANT: U.S.A.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: INHIBITING PROPAGATION OF
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY
; TITLE OF INVENTION: VIRUS
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

```

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/09080
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/277,857
FILING DATE: 19 JUL 94
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 207/147-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US95-09080-70

Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 240 GGCTGCTTCCCGGGCTC 256
Db 17 GGATGCTTCCAGGGCTC 1

RESULT 108
PCT-US95-09080-95/c
Sequence 95, Application PC/TUS9509080
GENERAL INFORMATION:
APPLICANT: GEN-PROBE INCORPORATED
APPLICANT: 9880 Campus Point Drive
APPLICANT: San Diego, California
APPLICANT: 92121
APPLICANT: U.S.A.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: INHIBITING PROPAGATION OF
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY
TITLE OF INVENTION: VIRUS
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/09080
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/277,857
FILING DATE: 19 JUL 94
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 207/147-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US95-09080-95
Query Match 3.2%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 240 GGCTGCTTCCCGGGCTC 256
Db 17 GGATGCTTCCAGGGCTC 1

RESULT 109
US-07-879-647A-23
Sequence 23, Application US/07879647A
Patent No. 5266689
GENERAL INFORMATION:
APPLICANT: Chakraborty, P.R.
APPLICANT: Dashkevich, M.
APPLICANT: Elbrecht, A.
APPLICANT: Feighner, S.D.
APPLICANT: Liberator, P.A.
APPLICANT: Profous-Juchelka, H.
TITLE OF INVENTION: Eimeria Maxima DNA
TITLE OF INVENTION: Probes
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,647A
FILING DATE: 19920512
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/705,628
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: 184201A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-647A-23

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 AAGGCTCTTACGTGATCGA 418
 |||||
 Db 1 AAGGCTCGTTCGTATCGA 20

RESULT 110

US-07-879-584A-23
 ; Sequence 23, Application US/07879584A
 ; Patent No. 5278298
 ; GENERAL INFORMATION:

; APPLICANT: Chakraborty, P.R.
 ; APPLICANT: Dashkevich, M.
 ; APPLICANT: Elbrecht, A.
 ; APPLICANT: Feighner, S.D.
 ; APPLICANT: Liberator, P.A.
 ; APPLICANT: Profous-Juchelka, H.
 ; TITLE OF INVENTION: Eimeria Brunetti DNA
 ; TITLE OF INVENTION: Probes
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: 126 Lincoln Avenue
 ; CITY: Rahway
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07065

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 800 KB
 ; MEDIUM TYPE: storage
 ; COMPUTER: Apple Macintosh
 ; OPERATING SYSTEM: Macintosh 6.0.4
 ; SOFTWARE: Microsoft Word 4.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/879,584A
 ; FILING DATE: 19920512
 ; CLASSIFICATION: 536

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/06,717
 ; FILING DATE: 29-MAY-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Tribble, Jack L.
 ; REGISTRATION NUMBER: 32,633
 ; REFERENCE/DOCKET NUMBER: .184191A

; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (908) 594-5321
 ; TELEFAX: (908) 594-4720
 ; TELEX: 138825
 ; INFORMATION FOR SEQ ID NO: 23:
 ; LENGTH: 20 bases
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-07-879-584A-23

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 AAGGCTCTTACGTGATCGA 418
 |||||
 Db 1 AAGGCTCGTTCGTATCGA 20

RESULT 111

US-07-879-470A-23
 ; Sequence 23, Application US/07879470A
 ; Patent No. 5288845
 ; GENERAL INFORMATION:

; APPLICANT: Chakraborty, P.R.
 ; APPLICANT: Dashkevich, M.
 ; APPLICANT: Elbrecht, A.
 ; APPLICANT: Feighner, S.D.

; APPLICANT: Liberator, P.A.
 ; APPLICANT: Profous-Juchelka, H.
 ; TITLE OF INVENTION: Eimeria Necatrix DNA
 ; TITLE OF INVENTION: Probes
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: 126 Lincoln Avenue
 ; CITY: Rahway
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07065

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 800 KB
 ; MEDIUM TYPE: storage
 ; COMPUTER: Apple Macintosh
 ; OPERATING SYSTEM: Macintosh 6.0.4
 ; SOFTWARE: Microsoft Word 4.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/879,470A
 ; FILING DATE: 19920512
 ; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/06,351
 ; FILING DATE: 29-MAY-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Tribble, Jack L.
 ; REGISTRATION NUMBER: 32,633
 ; REFERENCE/DOCKET NUMBER: .184221A

; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (908) 594-5321
 ; TELEFAX: (908) 594-4720
 ; TELEX: 138825
 ; INFORMATION FOR SEQ ID NO: 23:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 bases
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-07-879-470A-23

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 AAGGCTCTTACGTGATCGA 418
 |||||
 Db 1 AAGGCTCGTTCGTATCGA 20

RESULT 112

US-07-879-644A-23
 ; Sequence 23, Application US/07879644A
 ; Patent No. 5298613
 ; GENERAL INFORMATION:

; APPLICANT: Chakraborty, P.R.
 ; APPLICANT: Dashkevich, M.
 ; APPLICANT: Elbrecht, A.
 ; APPLICANT: Feighner, S.D.
 ; APPLICANT: Liberator, P.A.
 ; APPLICANT: Profous-Juchelka, H.
 ; TITLE OF INVENTION: Eimeria Acervulina DNA
 ; TITLE OF INVENTION: Probes
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: 126 Lincoln Avenue
 ; CITY: Rahway
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07065

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 800 KB

```

; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,644A
; FILING DATE: 19920512
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,817
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184181A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-879-644A-23

```

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

QY 399 AAGGTCCTTCTACGTGATCGA 418
DB 1 AAGGTCCTGTCGTTATCGA 20

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```

RESULT 113
US-07-879-640A-23
; Sequence 23, Application US/07879640A
; Patent No. 5359050
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevicz, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria Mitis DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,640A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,355
; FILING DATE: 29-MAY-1991
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633

```

```

; REFERENCE/DOCKET NUMBER: .184211A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-879-640A-23

```

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

QY 399 AAGGTCCTTCTACGTGATCGA 418
DB 1 AAGGTCCTGTCGTTATCGA 20

```

```

RESULT 114
US-07-879-594A-23
; Sequence 23, Application US/07879594A
; Patent No. 5449768
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevicz, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria Praecox DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,594A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,360
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184231A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-879-594A-23

```

Query Match 3.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 AAGTCTCTCTACGTATCGA 418
|||||
DB 1 AAGGTCTCGTTCGTATCGA 20

RESULT 115

US-07-879-469A-23
; Sequence 23, Application US/07879469A
; Patent No. 5563256
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria tenella DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: Storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,469A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,362
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: 184241A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear

US-07-879-469A-23
Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 399 AAGTCTCTCTACGTATCGA 418
|||||
DB 1 AAGGTCTCGTTCGTATCGA 20

RESULT 116

US-08-487-141B-69
; Sequence 69, Application US/08487141B
; Patent No. 5683987
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.

; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,141B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hagan, Patrick J.
; REGISTRATION NUMBER: 27,643
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-487-141B-69

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 28 AGGGCTGGGACGAGATGGC 47
|||||
DB 1 AGGGCGGGATGATGGC 20

RESULT 117

US-08-927-561-69
; Sequence 69, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997

```
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Rigaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-927-561-69

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 28 AGGGCTGGAGCAGATGGC 47
||| ||| ||| ||| |||
DB 1 AGGGCGGGGATGATGGC 20

RESULT 118
US-08-050-482A-3
; Sequence 3, Application US/08050482A
; Patent No. 6312939
; GENERAL INFORMATION:
; APPLICANT: ROBERTS, Joseph
; MACALLISTER, Thomas W.
; SETHURAMAN, Natarajan
; FREEMAN, Abbie G.
; TITLE OF INVENTION: GENETICALLY ENGINEERED GLUTAMINASE AND
; ITS USE IN ANTIVIRAL AND ANTICANCER THERAPY
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,482A
; FILING DATE: 25-Apr-1995
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US92/10421
; FILING DATE: 04-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 023032/0106
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-08-050-482A-3

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 265 TGCACCTGGAGCAGGCGGC 284
||| ||| ||| ||| |||
DB 1 TGCAGCTTGAGCAGGTCGTC 20

RESULT 119
US-09-677-045-7
; Sequence 7, Application US/09677045
; Patent No. 6346386
; GENERAL INFORMATION:
; APPLICANT: Elenitoba-Johnson, Kojo
; TITLE OF INVENTION: Method of Solution-based Scanning for Alterations in a
; DNA Segment Using a Double-stranded DNA Binding Dye and
; Fluorescence Melting Profiles
; FILE REFERENCE: 2379.2.5
; CURRENT APPLICATION NUMBER: US/09/677,045
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-09-677-045-7

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 42 GATGGCCACCACTCAGAGGA 61
||| ||| ||| ||| |||
DB 1 GATGGCAATACACAGAGGA 20

RESULT 120
US-09-487-253A-9/c
; Sequence 9, Application US/09487253A
; Patent No. 6399763
; GENERAL INFORMATION:
; APPLICANT: Leon G.J. FRENKEN
; APPLICANT: Cornelis P.E. VAN DER LOOT
; TITLE OF INVENTION: METHOD FOR PRODUCING ANTIBODY FRAGMENTS
; FILE REFERENCE: 60113/266062 - T3076(C)
; CURRENT APPLICATION NUMBER: US/09/487,253A
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: EP 99300351.6
; PRIOR FILING DATE: 1999-01-19
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: MS Word
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PRIMER
; US-09-487-253A-9

Query Match 3.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 269 CCGGAGCAGCGCGGACCA 288
 |||||
 Db 20 CCGGCGCGCTGGCGGACCA 1

RESULT 121

US-09-954-560-15
 ; Sequence 15, Application US/09954560
 ; Patent No. 6524854
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSED
 ; FILE REFERENCE: RTS-0192
 ; CURRENT APPLICATION NUMBER: US/09/954,560
 ; CURRENT FILING DATE: 2001-09-11
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 15
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-954-560-15

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 318 CCGGTGCTGGCGCGGACCA 337
 |||||
 Db 1 CTCATGCCGCGCGCGCGCA 20

RESULT 122

US-09-198-452A-4464
 ; Sequence 4464, Application US/09198452A
 ; Patent No. 6559294
 ; GENERAL INFORMATION:
 ; APPLICANT: Griffois, R.
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
 ; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
 ; TITLE OF INVENTION: and treatment of infection
 ; FILE REFERENCE: 9710-003-999
 ; CURRENT APPLICATION NUMBER: US/09/198,452A
 ; CURRENT FILING DATE: 1998-11-24
 ; NUMBER OF SEQ ID NOS: 6849
 ; SEQ ID NO 4464
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Chlamydia pneumoniae
 US-09-198-452A-4464

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 389 CGCGGCCAAGAGGTCTCT 408
 |||||
 Db 1 CGTCACCAAGAGGTCTCT 20

RESULT 123

PCT-US96-09388-69
 ; Sequence 69, Application PC/TUS9609388
 ; GENERAL INFORMATION:
 ; APPLICANT: Smith, Larry J.
 ; TITLE OF INVENTION: Therapeutic Oligonucleotides
 ; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
 ; NUMBER OF SEQUENCES: 114
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103-2307
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/09388
 FILING DATE: 07-JUN-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/379,180
 FILING DATE: 12-JUL-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Reed, Janet E.
 REGISTRATION NUMBER: 36,252
 REFERENCE/DOCKET NUMBER: 63082C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215)563-4100
 TELEFAX: (215)563-4044
 INFORMATION FOR SEQ ID NO: 69:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: not relevant
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: YES
 PCT-US96-09388-69

Query Match 3.2%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 28 AGCGCTGGGACGAGATGCG 47
 |||||
 Db 1 AGGCGCGGATGATGATGCG 20

RESULT 124

US-08-585-684B-49
 ; Sequence 49, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/585,684B
 ; FILING DATE: January 16, 1996

```
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-49
;
; Query Match 3.1%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 60.0%; Pred. No. 1.5e+02;
; Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
; QY 399 AAGTCTTCTACGTG 413
; Db 1 AGGGUCUUCUACGUG 15
;
; RESULT 125
; US-08-585-684B-51
; Sequence 51, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
;
; TOPOLOGY: linear
; US-08-585-684B-51
;
; Query Match 3.1%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 60.0%; Pred. No. 1.5e+02;
; Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
; QY 402 GTCTTCTACGTGATC 416
; Db 1 GUCUUCUACGUGAGC 15
;
; RESULT 126
; US-09-038-073-49
; Sequence 49, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-49
;
; Query Match 3.1%; Score 13.4; DB 1; Length 15;
; Best Local Similarity 60.0%; Pred. No. 1.5e+02;
; Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
;
; QY 399 AAGTCTTCTACGTG 413
; Db 1 AGGGUCUUCUACGUG 15
;
; RESULT 127
; US-09-038-073-51
; Sequence 51, Application US/09038073
; Patent No. 6194150
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Query Match 3.1%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 1; Indels

QY 259 CCACGGTGCACCTGG 273
|||||:|:|
Db 2 CCACGGUGCAGCUGG 16

Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamska Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn

```

CURRENT APPLICATION NUMBER: US/09/476,388
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 437
LENGTH: 17

```

PRIOR APPLICATION NUMBER: 60/083,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/064,866
 PRIOR FILING DATE: 1997-11-05
 NUMBER OF SEQ ID NOS: 1524
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 437
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 JS-09-476-387-437

 Query Match 3.1%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 80.0%; Pred.No.1.9e+02;
 Matches 12; Conservative 2; Mismatches 1; Indels

```

; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-076387-437

```

QY	259	CCACGGTCACCTGG	273
Db	2	CCACGGTCACCTGG	16

RESULT 130
US-09-866-108A-7561
; Sequence 7561, Application US/09866108A
; Patent No. 6586188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.

```

; NUMBER OF SEQ ID NOS. 120
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18

```

```
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-135-010A-18

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CCGCCTGGCGGTGG 150
    ||| ||||| |||||
Db 15 CCCACCTGGCGGTGG 1

RESULT 134
US-09-444-871-18/c
; Sequence 18, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US 09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-18

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CCGCCTGGCGGTGG 150
    ||| ||||| |||||
Db 15 CCCACCTGGCGGTGG 1

RESULT 135
US-09-597-735-18/c
; Sequence 18, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Comors, Timothy D.
; APPLICANT: Burn, Timothy C.
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; CURRENT FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17

/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-135-010A-18

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CCGCCTGGCGGTGG 150
    ||| ||||| |||||
Db 15 CCCACCTGGCGGTGG 1

RESULT 136
US-09-444-295-18/c
; Sequence 18, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-18

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 136 CCGCCTGGCGGTGG 150
    ||| ||||| |||||
Db 15 CCCACCTGGCGGTGG 1

RESULT 137
US-09-597-732-18/c
; Sequence 18, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
```

```

; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQ11 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-18

```

```

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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Qy 136 CCCGCTGGCGGTGG 150
Db 15 CCACCTGGCGGTGG 1

```

```

RESULT 138
US-09-517-467B-297
; Sequence 297, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-297

```

```

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 273 GAGCAGGGCGGCACC 287
Db 1 GAGCAGGGCGGCACC 15

```

```

RESULT 139
US-09-679-299A-120
; Sequence 120, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver

```

```

; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-120

```

```

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 122 GTACGGCATGCTGGC 136
Db 4 GTACGGCATGCTGGC 18

```

```

RESULT 140
US-09-597-731-18/c
; Sequence 18, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQ11 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-18

```

```

Query Match          3.1%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 136 CCCGCTGGCGGTGG 150
Db 15 CCACCTGGCGGTGG 1

```

```

RESULT 141
US-07-627-538-6
; Sequence 6, Application US/07627538
; Patent No. 5248600
; GENERAL INFORMATION:
; APPLICANT: Topal, Michael D.
; APPLICANT: Conrad, Michael
; TITLE OF INVENTION: Method of Cleaving DNA

```

NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5248600th Carolina
COUNTRY: U.S.A.
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/627.538
FILING DATE: 19901214
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5052-24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N
US-07-627-538-6

Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 CTGGCGGTGGAGCGCGC 158
Db 1 CTGGTGTGGCGCGCGC 18

RESULT 142
US-08-128-369-6
Sequence 6, Application US/08128369
Patent No. 5418150
GENERAL INFORMATION:
APPLICANT: Topal, Michael D.
ATTORNEY/AGENT INFORMATION:
NAME: Michael D. Bednarek
REGISTRATION NUMBER: 32,329
REFERENCE/DOCKET NUMBER: SH-PCT-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-955-4900
TELEFAX: 202-955-4932
TELEX: 248749
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-050-232-11

Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 173 CTACGAGTCCAGGCACA 190

REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470-5A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-128-369-6

Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 CTGGCGGTGGAGCGCGC 158
Db 1 CTGGTGTGGCGCGCGC 18

RESULT 143
US-08-050-232-11
Sequence 11, Application US/08050232
Patent No. 5525492
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Process for Amplifying Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marks & Murase
STREET: 2001 L Street, N.W., Suite 750
CITY: Washington
STATE: D.C.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordstar
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,232
FILING DATE: 14-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9024005.2
FILING DATE: 05-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB91/01935
FILING DATE: 05-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Michael D. Bednarek
REGISTRATION NUMBER: 32,329
REFERENCE/DOCKET NUMBER: SH-PCT-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-955-4900
TELEFAX: 202-955-4932
TELEX: 248749
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-050-232-11

Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 173 CTACGAGTCCAGGCACA 190

Db 1 CTGCAAGGCCAAGGCACA 18
RESULT 144
US-08-661-767-11
; Sequence 11, Application US/08661767
; Patent No. 5824515
; GENERAL INFORMATION:
; APPLICANT: Adrian Vivian Sinton HILL
; TITLE OF INVENTION: Process for Amplifying Nucleic Acid
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WENDEROTH, LIND & PONACK
; STREET: 805 Fifteenth Street, Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/661,767
; FILING DATE: June 11, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9024005.2
; FILING DATE: 05-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB91/01935
; FILING DATE: 05-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER: 263/KPVM1540US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-661-767-11
Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 173 CTACGAGTCCAGGCACA 190
Db 1 CTGCAAGGCCAAGGCACA 18
RESULT 145
US-08-611-280-15
; Sequence 15, Application US/08611280
; Patent No. 5891666
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Grossman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,280
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-611-280-15
Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 2 GCCAGAGTGAAGTCCG 19
Db 1 GCTAGAAGTGAAGTCCG 18
RESULT 146
US-09-205-860-14
; Sequence 14, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-14
Query Match 3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 103 CTGACCGCGACCCAGCA 120
Db 1 CGGACCGCGACCGCAGGA 18
RESULT 147
US-09-289-376-9
; Sequence 9, Application US/09289376
; Patent No. 6013788
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
; FILE REFERENCE: RTS-0043
; CURRENT APPLICATION NUMBER: US/09/289,376

```
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-376-9

Query Match          3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 GCACCGCGTCTGGCGGC 331
DB 1 GGAGGCGGTGGCGGC 18

RESULT 148
US-09-195-940-15
; Sequence 15, Application US/09195940
; Patent No. 6258935
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Groesman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/195,940
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/195,940
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-09-195-940-15

Query Match          3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GCACGAGTGAACTGCG 19
DB 1 GCTAGAAGTGAAGTCTGAG 18

RESULT 150
US-09-347-613C-21
; Sequence 21, Application US/09347613C
; Patent No. 6593133
; GENERAL INFORMATION:
; APPLICANT: Johansen, Teit E.
; APPLICANT: Hansen, Claus
; APPLICANT: Blom, Nikolaj
; TITLE OF INVENTION: No. 6593133el Neurotrophic Factors
; FILE REFERENCE: Neurosearch 19313-001
; CURRENT APPLICATION NUMBER: US/09/347,613C
; CURRENT FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: DANISH 1998 00904
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: USSN 60/092,229
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: DANISH 1998 01048
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: USSN 60/097,774
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: DANISH 1998 01260
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: USSN 60/103,908
; PRIOR FILING DATE: 1998-10-13
```

```
; Patent No. 6369202
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Groesman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/562,466
; FILING DATE: 01-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/195,940
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Oleski, Nancy A.
; REGISTRATION NUMBER: 34,688
; REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-09-562-466-15

Query Match          3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GCACGAGTGAACTGCG 19
DB 1 GCTAGAAGTGAAGTCTGAG 18

RESULT 150
US-09-347-613C-21
; Sequence 21, Application US/09347613C
; Patent No. 6593133
; GENERAL INFORMATION:
; APPLICANT: Johansen, Teit E.
; APPLICANT: Hansen, Claus
; APPLICANT: Blom, Nikolaj
; TITLE OF INVENTION: No. 6593133el Neurotrophic Factors
; FILE REFERENCE: Neurosearch 19313-001
; CURRENT APPLICATION NUMBER: US/09/347,613C
; CURRENT FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: DANISH 1998 00904
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: USSN 60/092,229
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: DANISH 1998 01048
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: USSN 60/097,774
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: DANISH 1998 01260
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: USSN 60/103,908
; PRIOR FILING DATE: 1998-10-13
```

```
; PRIOR APPLICATION NUMBER: DANISH 1998 01265
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-347-613C-21

Query Match          3.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 45 GGCACCACTCAGAGGAG 62
Db 1 GGCACCGCTCGAGGAG 18

RESULT 151
US-09-831-642-11/c
; Sequence 11, Application US/09831642
; Patent No. 6635751
; GENERAL INFORMATION:
; APPLICANT: HAZE, Kiyosuke et al.
; TITLE OF INVENTION: ENDOPLASMIC RETICULUM STRESS TRANSCRIPTION FACTORS ATF6 AND CREB-
; FILE REFERENCE: 1422-0474P
; CURRENT APPLICATION NUMBER: US/09/831,642
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Chicken
US-09-831-642-11

Query Match          3.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 2.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 150 GAGCGCGGCTTCGACTGG 167
Db 18 GTGGCGGGGCGGCGATTGG 1

RESULT 152
US-08-146-422-10/c
; Sequence 10, Application US/08146422
; Patent No. 5543576
; GENERAL INFORMATION:
; APPLICANT: VAN COIJEN, ALBERT J. J.
; APPLICANT: RIETVELD, KRIJN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; APPLICANT: QUAX, WILHEMUS J.
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/146,424
; FILING DATE: 02-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNEDY, BILL
; REGISTRATION NUMBER: 33,407
; REFERENCE/DOCKET NUMBER: 44615-20011.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; COMPUTER: IBM PC compatible
```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,422
; FILING DATE: 02-NOV-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNEDY, BILL
; REGISTRATION NUMBER: 33,407
; REFERENCE/DOCKET NUMBER: 44615-20011.23
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-146-422-10

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 GCAGGCGGCACCAAGCT 292
Db 18 GCAGTGAGGTACCAAGCT 1

RESULT 153
US-08-146-424-10/c
; Sequence 10, Application US/08146424
; Patent No. 5593963
; GENERAL INFORMATION:
; APPLICANT: VAN COIJEN, ALBERT J. J.
; APPLICANT: RIETVELD, KRIJN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: THE EXPRESSION OF PHYTASE IN PLANTS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/146,424
; FILING DATE: 02-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNEDY, BILL
; REGISTRATION NUMBER: 33,407
; REFERENCE/DOCKET NUMBER: 44615-20011.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```



```
; TOPOLOGY: linear
US-08-146-424-10
Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 GCAGGGCGGCACCAAGCT 292
Db 18 GCAGTGAGGTACCAAGCT 1

RESULT 154
US-08-626-554-26/c
; Sequence 26, Application US/08626554
; Patent No. 5714474
; GENERAL INFORMATION:
; APPLICANT: VAN OIJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KIJN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSES: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE NW
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,554
; FILING DATE: 02-APR-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 26192-20011.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030 MRSNFOERSWSH
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-626-554-26

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 GCAGGGCGGCACCAAGCT 292
Db 18 GCAGTGAGGTACCAAGCT 1

RESULT 155
US-08-693-709-24/c
; Sequence 24, Application US/08693709
; Patent No. 5770413
; GENERAL INFORMATION:
```

```
; APPLICANT: VAN OIJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KIJN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: THE EXPRESSION OF PHYTASE
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSES: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/693,709
; FILING DATE: 07-AUG-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,424
; FILING DATE: 02-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24615-20011.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-693-709-24

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 GCAGGGCGGCACCAAGCT 292
Db 18 GCAGTGAGGTACCAAGCT 1

RESULT 156
US-08-432-158-9/c
; Sequence 9, Application US/08432158
; Patent No. 5861502
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J
; APPLICANT: Collige, Alain
; APPLICANT: Baserga, Renato
; APPLICANT: Nugent, Paul
; TITLE OF INVENTION: Antisense Oligonucleotides to
; TITLE OF INVENTION: Inhibit Expression of Mutated and
; TITLE OF INVENTION: Wild Type Genes for Collagen
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Woodcock Washburn Kurtz Mackiewicz &
; STREET: No. 5861502ris
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
```

```

; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: 30-JUN-1995
; APPLICATION NUMBER: US/08/432,158
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10756
; FILING DATE: 09-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/973,332
; FILING DATE: 09-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-432-158-9

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 CGAGGGCTGGGACGAAGA 43
Db 20 CGAGGGCCACGACGAAGA 3

RESULT 157
US-08-432-158-10/c
; Sequence 10, Application US/08432158
; Patent No. 5861502
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J
; APPLICANT: Collie, Alain
; APPLICANT: Baserga, Renato
; APPLICANT: Nugent, Paul
; TITLE OF INVENTION: Antisense Oligonucleotides to
; TITLE OF INVENTION: Inhibit Expression of Mutated and
; TITLE OF INVENTION: Wild Type Genes for Collagen
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: No. 5861502ris
; STREET: One Liberty place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/432,158
; FILING DATE: 30-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10756

```

```

; FILING DATE: 09-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/973,332
; FILING DATE: 09-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-432-158-10

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 CGAGGGCTGGGACGAAGA 43
Db 18 CGAGGGCCACGACGAAGA 1

RESULT 158
US-08-776-251-17/c
; Sequence 17, Application US/08776251
; Patent No. 6025340
; GENERAL INFORMATION:
; APPLICANT: Springer, Caroline J
; APPLICANT: Marais, Richard
; TITLE OF INVENTION: Surface expression of enzyme in gene directed prodrug therapy
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon & Vanderhye
; STREET: 1100 No. 6025340th Glebe Road, 8th Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/776,251
; FILING DATE: 31-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB95/01782
; FILING DATE: 27-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9415167.7
; FILING DATE: 27-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Arthur R. Crawford
; REGISTRATION NUMBER: 25,327
; REFERENCE/DOCKET NUMBER: 620-20
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-776-251-17

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;

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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 383 CGACGACGGCGCCAGAA 400
Db 18 CGCGACGCGCGCCAGAA 1

RESULT 159
US-08-281-203-3
; Sequence 3, Application US/08281203
; Patent No. 6033909
; GENERAL INFORMATION:
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Peyman, Anuschirwan
; APPLICANT: O'Malley, Gerard
; APPLICANT: Helsing, Matthias
; APPLICANT: Winkler, Irvin
; TITLE OF INVENTION: Oligonucleotide Analogs, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/281,203
; FILING DATE: 27-JULY-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/003,972
; FILING DATE: 19-JAN-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Einaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1269-01000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-281-203-3

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 321 GTGCTGGCGCGGACGAC 338
Db 2 GTGCTGGCTGTGACGAC 19

RESULT 160
US-09-291-562-10
; Sequence 10, Application US/09291562
; Patent No. 6084152
; GENERAL INFORMATION:
; APPLICANT: Sang Soo Kwak
; APPLICANT: Jae-Whune Kim

```

```

; APPLICANT: Haeng-Soon Lee
; APPLICANT: Suk Yoon Kwon
; TITLE OF INVENTION: METHOD FOR PRODUCING TRANSGENIC CUCUMBER
; TITLE OF INVENTION: THAT PRODUCES HIGH LEVELS OF SUPEROXIDE DISMUTASE
; FILE REFERENCE: 118.1-US-01
; CURRENT APPLICATION NUMBER: US/09/291,562
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: KS 98 13205
; EARLIER FILING DATE: 1998-04-14
; EARLIER APPLICATION NUMBER: KS 98 33947
; EARLIER FILING DATE: 1998-08-21
; EARLIER APPLICATION NUMBER: KS 99 11848
; EARLIER FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Other nucleic acid (synthetic oligonucleotide)
; US-09-291-562-10

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 214 AGAATCGGTGGCGGCA 231
Db 3 AGATCTGGTGACGGCA 20

RESULT 161
US-09-288-461-47
; Sequence 47, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-288-461-47

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CCCGCTGGCGGTGGAGG 153
Db 1 CCCGCTGGGTGGAGG 18

RESULT 162
US-09-288-461-67/c
; Sequence 67, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent in Ver. 2.0

```

```
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-67

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 292 TGGTGAAGGACCTGAGCC 309
DB 18 TGGTGAAGGCTGCTGAACC 1

RESULT 163
US-09-087-194-18/c
; Sequence 18, Application US/09087194
; Patent No. 6159718
; GENERAL INFORMATION:
; APPLICANT: Dalboege, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofoed, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Halkier, Torben
; TITLE OF INVENTION: An Enzyme With Polygalacturonase
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESS: No. 61597180 No. 6159718disk of No. 6159718th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/087,194
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/448,624
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3921.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-087-194-18

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 GACCGGACGAGCGGCGCC 395
DB 18 GACCGGACGAGCGGCGCC 395
```

```
DB 19 GGCCGAGACGACGAGGCC 2

RESULT 164
US-09-318-794A-7/c
; Sequence 7, Application US/09318794A
; Patent No. 6177264
; GENERAL INFORMATION:
; APPLICANT: DEGUSSA AKTIENGESSELLSCHAFT
; TITLE OF INVENTION: METHOD FOR THE FERMENTATIVE PRODUCTION OF D-PANTOTHENIC
; TITLE OF INVENTION: ACID USING CORNYNEFORM BACTERIA
; FILE REFERENCE: eggeling
; CURRENT APPLICATION NUMBER: US/09/318,794A
; CURRENT FILING DATE: 1999-05-26
; PRIOR APPLICATION NUMBER: DE 198 55 312.9
; PRIOR FILING DATE: 1998-12-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-318-794A-7

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 221 GGTGGCGGCCAATCGGG 238
DB 19 GTTGTGGCGGCACATCGGG 2

RESULT 165
US-09-517-584A-80/c
; Sequence 80, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-80

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 297 AAGGACTGAGCCCGGG 314
DB 20 AAGGAACTGAGCGCTGGG 3

RESULT 166
US-09-467-082-31/c
; Sequence 31, Application US/09467082
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA CATALYTIC SUBUNIT C-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0088
```

```
; CURRENT APPLICATION NUMBER: US/09/467,082
; CURRENT FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-082-31

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 286 CCAAGCTGGTGAAGACC 303
Db 20 CCAAGCGGTGAAGGCC 3

RESULT 167
US-09-377-309-63
; Sequence 63, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-63

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 330 GCGGACGACCGGCGG 347
Db 3 GCGGAGCGCAGGCGCG 20

RESULT 168
US-08-674-509B-31/c
; Sequence 31, Application US/08674509B
; Patent No. 6261786
; GENERAL INFORMATION:
; APPLICANT: Iqham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; APPLICANT: Marigo, Valeria
; TITLE OF INVENTION: SCREENING ASSAYS FOR HEDGEHOG AGONISTS
; TITLE OF INVENTION: AND ANTAGONISTS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/674,509B
; APPLICATION NUMBER: US/08/674,509B
; FILING DATE: 02-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/460,900
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.06
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "degenerate oligonucleotide"
US-08-674-509B-31

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 133 TGGCCGCGCTGGCGGTGGAG 152
Db 20 TNGCNMGNTGNCGTNGAG 1

RESULT 169
US-09-487-368A-17
; Sequence 17, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-17

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 CTGAGCCCGGCGGACCGC 320
Db 1 CTTAGCCCGGAGGCGCGC 18

RESULT 170
US-09-487-368A-213/c
; Sequence 213, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
```

FILE REFERENCE: RTS-0093
 CURRENT APPLICATION NUMBER: US/09/487,368A
 CURRENT FILING DATE: 2000-01-18
 NUMBER OF SEQ ID NOS: 240
 SEQ ID NO 213
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-487-368A-213

Query Match 3.1%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 55 CAGAGAGTCTCTGCACT 72
 |||||
 DB 19 CAGAGAGCGCTCCACT 2

RESULT 171
 US-09-487-368A-225/c
 Sequence 225, Application US/09487368A
 Patent No. 6261840
 GENERAL INFORMATION:
 APPLICANT: Lex M. Cowsett
 APPLICANT: Jacqueline Wyatt
 TITLE OF INVENTION: ANTISENSE MODULATION OF FTLB EXPRESSION
 FILE REFERENCE: RTS-0093
 CURRENT APPLICATION NUMBER: US/09/487,368A
 CURRENT FILING DATE: 2000-01-18
 NUMBER OF SEQ ID NOS: 240
 SEQ ID NO 225
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-487-368A-225

Query Match 3.1%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 270 CTGGAGCAGGGCGGCAAC 287
 |||||
 DB 19 CTGGAGCAGCGCAGGACC 2

RESULT 172
 US-09-593-711A-40/c
 Sequence 40, Application US/09593711A
 Patent No. 6271030
 GENERAL INFORMATION:
 APPLICANT: Brett P. Monia
 APPLICANT: Madeline M. Butler
 APPLICANT: Jacqueline Wyatt
 TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
 FILE REFERENCE: RTS-0118
 CURRENT APPLICATION NUMBER: US/09/593,711A
 CURRENT FILING DATE: 2000-06-14
 NUMBER OF SEQ ID NOS: 244
 SEQ ID NO 40
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-593-711A-40

Query Match 3.1%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 OY 146 GGTGGAGCGCGGCTTCCA 163
 |||||
 DB 18 GCGGAGCGCGGCTTCCA 1

RESULT 173
 US-08-954-698-31/c
 Sequence 31, Application US/08954698
 Patent No. 6271363
 GENERAL INFORMATION:
 APPLICANT: Ingham, Phillip W.
 APPLICANT: McMahon, Andrew P.
 APPLICANT: Tabin, Clifford J.
 TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
 TITLE OF INVENTION: Proteins and Uses Related Thereto
 NUMBER OF SEQUENCES: 48
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FOLEY, HOAG & ELIOT LLP
 STREET: One Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109-2170
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/954,698
 FILING DATE: 20-OCT-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/462,386
 FILING DATE: 05-JUN-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/435,093
 FILING DATE: 04-MAY-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/356,060
 FILING DATE: 14-DEC-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/176,427
 FILING DATE: 30-DEC-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Vincent, Matthew P.
 REGISTRATION NUMBER: 36,709
 REFERENCE/DOCKET NUMBER: HMV-006.10
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-832-1000
 TELEFAX: 617-832-7000
 INFORMATION FOR SEQ ID NO: 31:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-954-698-31

Query Match 3.1%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 60.0%; Pred. No. 2.7e+02;
 Matches 12; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

OY 133 TGGCCGCGCTGGCGTGGAG 152
 |||||
 DB 20 TNGCNGNYTNGCNGTNGAG 1

RESULT 174
 US-09-374-135-14/c
 Sequence 14, Application US/09374135

```

; Patent No. 6277972
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel E.
; TITLE OF INVENTION: SECRETED BY PROSTATE AND BLADDER CANCER CELLS
; FILE REFERENCE: 1703-017.US1
; CURRENT APPLICATION NUMBER: US/09/374,135
; PRIOR FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1998-08-10
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nested primer
; OTHER INFORMATION: (NP/2)
US-09-374-135-14

```

```

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

Qy 373 TCCTGGACCGCGACGACG 390
Db 20 TCCTGGACCGCGACGACG 3

```

```

RESULT 175
US-09-593-589-41
; Sequence 41, Application US/09593589
; Patent No. 6306655
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline Wyatt
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
; FILE REFERENCE: RTS-0119
; CURRENT APPLICATION NUMBER: US/09/593,589
; CURRENT FILING DATE: 2000-06-13
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-41

```

```

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 335 CGGACGAGCGCGCTGCT 352
Db 2 CGGACGAGCGCGCTGCT 19

```

```

RESULT 176
US-09-426-998-1
; Sequence 1, Application US/09426998
; Patent No. 6358706
; GENERAL INFORMATION:
; APPLICANT: DURIN, ADRIENNE E.
; APPLICANT: PYATI, JAYASHREE
; APPLICANT: ZHU, JESSICA Y

```

```

; APPLICANT: ERLANDER, MARK G
; APPLICANT: GALINDO, JOSE E
; TITLE OF INVENTION: DNA ENCODING HUMAN ALPHAIG T-TYPE CALCIUM
; FILE REFERENCE: ORT-1057
; CURRENT APPLICATION NUMBER: US/09/426,998
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DESCRIPTION OF ARTIFICIAL SEQUENCE: PCR PRIMER FOR
; OTHER INFORMATION: PROBE
US-09-426-998-1

```

```

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 14 ACTGGGGGTGACCGAGG 31
Db 3 ACTGGGGGTGACCGAGG 20

```

```

RESULT 177
US-09-167-109-67/c
; Sequence 67, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAP EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-67

```

```

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 133 TGGCCCGCGCTGGCGTGG 150
Db 18 TGGCCCGCGCTGGCGTGG 1

```

```

RESULT 178
US-09-702-327-71
; Sequence 71, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA

```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-17

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 342 GCGCGGCTGCTCTACAGC 359
Db 3 GCGAGGCTCTCTACAGC 20

RESULT 179
US-09-629-644A-17
; Sequence 17, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-17

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 CTGAGCCCGGGGACGC 320
Db 1 CTTAGCCCGGAGCGCCGC 18

RESULT 180
US-09-629-644A-17
; Sequence 17, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-09-629-644A-17

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 CTGAGCCCGGGGACGC 320
Db 1 CTTAGCCCGGAGCGCCGC 18

RESULT 181
US-09-629-644A-213/c
; Sequence 213, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 213
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-213

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 55 CAGAGGAGTCTCTGCACT 72
Db 19 CAGAGGAGCGCTCCACT 2

RESULT 182
US-09-629-644A-213/c
; Sequence 213, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 213
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-213

Query Match          3.1%; Score 13.2; DB 1; Length 20;
```


Best Local Similarity 83.3%; Pred. No. 2.7e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3;

QY 55 CAGAGAGTCTCTGCACCT 72
|||||
Db 19 CAGAGAGCGCGCTCCACT 2

RESULT 183

US-09-629-644A-225/c
; Sequence 225, Application US/09629644A

; Patent No. 6602857

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowser

; APPLICANT: Jacqueline Wyatt

; APPLICANT: Susan M. Freier

; APPLICANT: Brett P. Monia

; APPLICANT: Madeline M. Butler

; APPLICANT: Robert McKay

; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION

; FILE REFERENCE: ISPH-0478

; CURRENT APPLICATION NUMBER: US/09/629,644A

; CURRENT FILING DATE: 2000-07-31

; PRIOR APPLICATION NUMBER: US 09/487,368

; PRIOR FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 242

; SEQ ID NO 225

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-629-644A-225

Query Match 3.1%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 CTGAGCAGCGCGGCACCC 287
|||||
Db 19 CTGAGCAGCGCGGCACCC 2

RESULT 184

US-09-657-346A-62

; Sequence 62, Application US/09657346A

; Patent No. 6503754

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST

; TITLE OF INVENTION: EXPRESSION

; FILE REFERENCE: RTS-0135

; CURRENT APPLICATION NUMBER: US/09/657,346A

; CURRENT FILING DATE: 2000-09-07

; NUMBER OF SEQ ID NOS: 174

; SEQ ID NO 62

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-657-346A-62

Query Match 3.1%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 114 CGCAGCAAGTACGCATG 131
|||||
Db 1 CGCAGCAAGTACGCATG 18

RESULT 185

US-09-668-313A-71

; Sequence 71, Application US/09668313A

; Patent No. 6503756

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0127

; CURRENT APPLICATION NUMBER: US/09/668,313A

; CURRENT FILING DATE: 2000-09-22

; NUMBER OF SEQ ID NOS: 247

; SEQ ID NO 71

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-668-313A-71

Query Match 3.1%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 116 CAGCAGTACGCATGCT 133
|||||
Db 3 CACACAGTAGTCATGCT 20

RESULT 186

US-09-410-132-10/c

; Sequence 10, Application US/09410132

; Patent No. 6509458

; GENERAL INFORMATION:

; APPLICANT: Afar, Daniel E.

; APPLICANT: Hubert, Rene S.

; APPLICANT: Mitchell, Stephen C.

; TITLE OF INVENTION: NOVEL GENE EXPRESSED IN PROSTATE CANCER

; FILE REFERENCE: 1703-021.US1

; CURRENT APPLICATION NUMBER: US/09/410,132

; CURRENT FILING DATE: 1999-09-30

; EARLIER APPLICATION NUMBER: 60/102,572

; EARLIER FILING DATE: 1998-09-30

; EARLIER APPLICATION NUMBER: 60/146,584

; EARLIER FILING DATE: 1999-07-28

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 10

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nested primer

; OTHER INFORMATION: (NP)2

US-09-410-132-10

Query Match 3.1%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 2.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 TCCTGGACCGCGACGACG 390
|||||
Db 20 TCCTGGCGCGACACG 3

RESULT 187

US-09-954-560-14

; Sequence 14, Application US/09954560

; Patent No. 6524854

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowser

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
; FILE REFERENCE: RTS-0192
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-14

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 320 CQTGCTGGCGGGGACGA 337
      |||||
Db 1 CATGCGCGGGGCGGCGCA 18

RESULT 188
US-09-044-604-7
; Sequence 7, Application US/09044604
; Patent No. 6531277
; GENERAL INFORMATION:
; APPLICANT: Timms, Kathy L.
; TITLE OF INVENTION: ENDOMETRIOSIS-SPECIFIC SECRETORY
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 6531277thwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/044,604
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Montgomery, Ilene N.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: 0994.00084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-044-604-7

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 119 CAAGTACGGCATGCTGGC 136
      |||||
Db 3 CAAGTATGTCATGCTGCC 20

RESULT 189
US-09-702-114A-10/c
; Sequence 10, Application US/09702114A
; Patent No. 6566078
; GENERAL INFORMATION:
; APPLICANT: Arthur B. Raitano
; APPLICANT: Aya Jakobovits
; APPLICANT: Mary Paris
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Steve Chappell Mitchell
; TITLE OF INVENTION: 36P6D5: SECRETED TUMOR ANTIGEN
; FILE REFERENCE: 129-22-US-U1
; CURRENT APPLICATION NUMBER: US/09/702,114A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/162,417
; PRIOR FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-702-114A-10

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 TCCTGGACCGCGACGACG 390
      |||||
Db 20 TCCTGGCGCGGACGACG 3

RESULT 190
US-09-081-385-22
; Sequence 22, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
```

```
;
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-081-385-22

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 AAATCGCGGTCGACCGAG 29
DB 1 AAATCGAGTGGCTGAG 18

RESULT 191
US-09-638-203-18/c
; Sequence 18, Application US/09638203
; Patent No. 6602501
; GENERAL INFORMATION:
; APPLICANT: Daniel E. H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Aya Jakobovits
; APPLICANT: Arthur B. Raitano
; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
; FILE REFERENCE: 129.20USU1
; CURRENT APPLICATION NUMBER: US/09/638,203
; CURRENT FILING DATE: 2000-08-11
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-638-203-18

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 TCCTGGACCGCGACG 390
DB 20 TCCTCGCGCGACCGACG 3

RESULT 192
US-09-448-188-31/c
; Sequence 31, Application US/09448188
; Patent No. 6607913
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/954,128
; FILING DATE: 20-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/462,386
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION DATA:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: HMV-006.12
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-448-188-31

Query Match 3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 133 TGGCCCGCTGGCGTGAG 152
DB 20 TNGCMGNYTNGCNGTGAG 1

RESULT 193
US-08-954-128-31/c
; Sequence 31, Application US/08954128
; Patent No. 6610856
; GENERAL INFORMATION:
; APPLICANT: Ingham, Phillip W.
; APPLICANT: McMahon, Andrew P.
; APPLICANT: Tabin, Clifford J.
; TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/954,128
; FILING DATE: 20-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/462,386
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
```

```
/ APPLICATION NUMBER: US 08/435,093
/ FILING DATE: 04-MAY-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/356,060
/ FILING DATE: 14-DEC-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/176,427
/ FILING DATE: 30-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Vincent, Matthew P.
/ REGISTRATION NUMBER: 36,709
/ REFERENCE/DOCKET NUMBER: HMV-006.12
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-832-1000
/ TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 31:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-954-128-31

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 133 TGGCCGCGCTGGCGGTGGAG 152
DB 20 TNGCNMGNYTNGCNGTGAG 1

RESULT 194
US-08-954-740-31/c
Sequence 31, Application US/08954740
Patent No. 6630148
GENERAL INFORMATION:
APPLICANT: Ingham, Phillip W.
APPLICANT: McMahon, Andrew P.
APPLICANT: Tabin, Clifford J.
TITLE OF INVENTION: Vertebrate Embryonic Pattern-Inducing
TITLE OF INVENTION: Proteins and Uses Related Thereto
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSER: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/954,740
FILING DATE: 20-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,386
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/435,093
FILING DATE: 04-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/356,060
FILING DATE: 14-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,427
FILING DATE: 30-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
```

```
/ REGISTRATION NUMBER: 36,709
/ REFERENCE/DOCKET NUMBER: HMV-006.08
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-832-1000
/ TELEFAX: 617-832-7000
/ INFORMATION FOR SEQ ID NO: 31:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-954-740-31

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 133 TGGCCGCGCTGGCGGTGGAG 152
DB 20 TNGCNMGNYTNGCNGTGAG 1

RESULT 195
US-09-033-936-40/c
Sequence 40, Application US/09033936
Patent No. 6632976
GENERAL INFORMATION:
APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSHI
APPLICANT: HANAOKA, KAZUNORI
APPLICANT: OSHIMURA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/09/033,936
CURRENT FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-40

Query Match          3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 TCCTCACTTTCCTGGACC 381
DB 20 TCCTCACCCTCTGCACC 3

RESULT 196
US-09-409-938-16/c
Sequence 16, Application US/09409938
Patent No. 6652859
GENERAL INFORMATION:
APPLICANT: Afar, Daniel E.H.
APPLICANT: Hubert, Rene S.
APPLICANT: Raitano, Arthur B.
APPLICANT: Mitchell, Stephen C.
TITLE OF INVENTION: PTANS: TESTIS SPECIFIC PROTEINS
TITLE OF INVENTION: EXPRESSED IN PROSTATE CANCER
FILE REFERENCE: 129.26-US-U4
CURRENT APPLICATION NUMBER: US/09/409,938
CURRENT FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: 60/102,556
```

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; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102,910
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/113,229
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/129,518
; PRIOR FILING DATE: 1999-04-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Nested Primer (NP) 2
US-09-409-938-16

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 TCTGTGACCGCGACGACG 390
Db 20 TCTGTGCGCGCGACCGACG 3

RESULT 197
US-09-601-812A-9/c
; Sequence 9, Application US/09601812A
; Patent No. 6683230
; GENERAL INFORMATION:
; APPLICANT: Jopson, Ian
; APPLICANT: Daly, Allan
; APPLICANT: Knight, Mary Elizabeth
; APPLICANT: Bayliss, Michael William
; TITLE OF INVENTION: Hybrid Seed Production
; FILE REFERENCE: 109846-173 (SYN-0065)
; CURRENT APPLICATION NUMBER: US/09/601,812A
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/GB99/00238
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: GB 9803659.3
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: GB 9805669.0
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-601-812A-9

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 219 TCGTGGCGCGCAATCG 236
Db 19 TCGGCGCGCGCGCAATCG 2

RESULT 198
PCT-US91-05808-6/c
; Sequence 6, Application PC/TUS9105808
; GENERAL INFORMATION:
; APPLICANT: Yale, University
; TITLE OF INVENTION: Therapeutic Ribozyme Compositions
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kilpatrick & Cody

```

```

; STREET: 100 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: US
; ZIP: 30303
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05808
; FILING DATE: 19910815
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/568834
; FILING DATE: 17-AUG-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: YU100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-572-6508
; TELEFAX: 404-572-6555
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: tRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: E. coli
PCT-US91-05808-6

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 TGGTCCCGCGCTCGGCC 260
Db 19 TGGTCCCGCGACTCGGCC 2

RESULT 199
5168053-8/c
; Patent No. 5168053
; APPLICANT: ALTMAN, SIDNEY; FORSTER, ANTHONY C.; GUERRIER-TAKADA, CECILIA L.
; TITLE OF INVENTION: CLEAVAGE OF TARGETED RNA BY RNAASE P
; NUMBER OF SEQUENCES: 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/568,834
; FILING DATE: 17-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 328,368
; FILING DATE: 24-MAR-1989
; SEQ ID NO: 8
; LENGTH: 20
5168053-8

Query Match      3.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 243 TGGTCCCGCGCTCGGCC 260
Db 19 TGGTCCCGCGACTCGGCC 2

RESULT 200

```

US-09-344-579-42
; Sequence 42, Application US/09344579
; Patent No. 6054316
; GENERAL INFORMATION:
; APPLICANT: Brenda E. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
; FILE REFERENCE: RTS-0063
; CURRENT APPLICATION NUMBER: US/09/344,579
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-42

Query Match 3.1%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 368 CACTTTCCTGGAC 380
Db 4 CACTTTCCTGGAC 16

RESULT 201

US-09-289-368-37/c
; Sequence 37, Application US/09289368
; Patent No. 5998148
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSION
; FILE REFERENCE: RTS-0051
; CURRENT APPLICATION NUMBER: US/09/289,368
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-37

Query Match 3.1%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 44 TGGCCACCACTCA 56
Db 19 TGGCCACCACTCA 7

RESULT 202

US-09-133-717-24/c
; Sequence 24, Application US/09133717
; Patent No. 6083702
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Blanco, Mariano A.
; TITLE OF INVENTION: METHODS AND COMPOSITION FOR USE IN SPLICESOME MEDIATED
; FILE REFERENCE: A31304-B
; CURRENT APPLICATION NUMBER: US/09/133,717
; CURRENT FILING DATE: 1998-08-13
; EARLIER APPLICATION NUMBER: 09/087,233
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: 08/766,354
; EARLIER FILING DATE: 1996-12-13
; EARLIER APPLICATION NUMBER: 60/008,317

; EARLIER FILING DATE: 1995-12-07
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-133-717-24

Query Match 3.1%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 255 TCGGCCACGGTGC 267
Db 15 TCGGCCACGGTGC 3

RESULT 203

US-09-158-863C-24/c
; Sequence 24, Application US/09158863C
; Patent No. 6280978
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Blanco, Mariano A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE REFERENCE: 31304-B-A
; CURRENT APPLICATION NUMBER: US/09/158,863C
; CURRENT FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 60/008,317
; PRIOR FILING DATE: 1995-12-07
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-158-863C-24

Query Match 3.1%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 255 TCGGCCACGGTGC 267
Db 15 TCGGCCACGGTGC 3

RESULT 204

US-09-158-863C-39/c
; Sequence 39, Application US/09158863C
; Patent No. 6280978
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Blanco, Mariano A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE REFERENCE: 31304-B-A
; CURRENT APPLICATION NUMBER: US/09/158,863C
; CURRENT FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13

;; PRIOR APPLICATION NUMBER: 60/008,317
;; PRIOR FILING DATE: 1995-12-07
;; NUMBER OF SEQ ID NOS: 68
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 39
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primers complementary to beta HCG6
;; OTHER INFORMATION: gene (accession #X00266)
US-09-158-863C-39

Query Match 3.1%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 255 TCGGCCACGGTGC 267

Db 15 TCGGCCACGGTGC 3

RESULT 205

US-08-379-078-459/c
; Sequence 459, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502

INFORMATION FOR SEQ ID NO: 459:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-379-078-459

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 142 TCGCGGTGGAGCGCG 157

Db 16 TCGCGGTGGAGCGCG 1

RESULT 206

US-08-486-408-4/c
; Sequence 4, Application US/08486408
; Patent No. 5716846
; GENERAL INFORMATION:
; APPLICANT: Brown, Steven Joel
; APPLICANT: Dattagupta, Nanibhushan
; APPLICANT: Naidu, Yathi M.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
; TITLE OF INVENTION: PROLIFERATION USING ANTI-SENSE OLIGONUCLEOTIDES TO INTERLEUKIN-6
; TITLE OF INVENTION: mrna
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gen-Probe Incorporated
; STREET: 9880 Campus Point Drive
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,408
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CB1009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929
TELEX:

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-486-408-4

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 74 CGAGGCGCGCGCTG 89

Db 17 CGAGGCGCGCGCTG 2

RESULT 207

US-08-975-570-4/c
; Sequence 4, Application US/08975570
; Patent No. 5945336
; GENERAL INFORMATION:
; APPLICANT: Brown, Steven Joel
; APPLICANT: Dattagupta, Nanibhushan
; APPLICANT: Naidu, Yathi M.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR
; TITLE OF INVENTION: PROLIFERATION USING ANTI-SENSE OLIGONUCLEOTIDES TO INTERLEUKIN-6
; TITLE OF INVENTION: mrna
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Gen-Probe Incorporated
STREET: 9880 Campus Point Drive
CITY: San Diego
STATE: CA
COUNTRY: USA
ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/975,570
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/486,408
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Carlos A
REGISTRATION NUMBER: 36,510
REFERENCE/DOCKET NUMBER: CH1009
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-535-2807
TELEFAX: 619-546-7929
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-975-570-4

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 74 CGAGGGCGCGCAGTG 89
Db 17 CGAGGGCGCGCAGTG 2

RESULT 208
US-08-665-259-42
Sequence 42, Application US/08665259
Patent No. 6028173
GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-9.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-42

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 288 AAGCTGGTGAAGGACC 303
Db 2 ACGTGGTGAGGAGC 17

RESULT 209
US-08-665-259-55
Sequence 55, Application US/08665259
Patent No. 6028173
GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IG5-9.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-55

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 288 AAGCTGGTGAAGGACC 303
DB 2 ACGCTGGTGAAGGAGC 17

RESULT 210

US-08-762-500-42
; Sequence 42, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klingner, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,500
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/665,259
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.3
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-42

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 288 AAGCTGGTGAAGGACC 303
DB 2 ACGCTGGTGAAGGAGC 17

RESULT 211

US-08-762-500-55

; Sequence 55, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klingner, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/762,500
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/665,259
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-762-500-55

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 288 AAGCTGGTGAAGGACC 303
DB 2 ACGCTGGTGAAGGAGC 17

RESULT 212

US-08-998-099-32/c
; Sequence 32, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FCs
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24

EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 32
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-32

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 286 CCAAGCTGGTGAAGGA 301
Db 17 CCATGCTGGAGAGGA 2

RESULT 213
US-07-974-409C-72/c
Sequence 72, Application US/07974409C
Patent No. 6300058
GENERAL INFORMATION:
APPLICANT: Akitaya, Tatsuo
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-72

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 142 TGGCGGTGGAGCCGG 157

Db 16 TGGCGGTGGAGCCAG 1

RESULT 214
US-09-364-707A-6
Sequence 6, Application US/09364707A
Patent No. 6310191
GENERAL INFORMATION:
APPLICANT: Collins, John
APPLICANT: Roettgen, Peter
TITLE OF INVENTION: Generation of Diversity in Combinatorial Libraries
TITLE OF INVENTION: Libraries
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 233 South Wacker Drive/6300 Sears Tower
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,707A
FILING DATE: 30-JUL-1999
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/EP98/00533
FILING DATE: 02-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 97101539.1
FILING DATE: 31-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, James P.
REGISTRATION NUMBER: 28,491
REFERENCE/DOCKET NUMBER: 29473/35824
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 474-6300
TELEFAX: (312) 474-0448
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligo"
US-09-364-707A-6

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 262 CGGTGCACCTGGAGCA 277
Db 2 CGGGGTACCTGGAGCA 17

RESULT 215
US-08-584-040-1462/c
Sequence 1462, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR

RESULT 216
US-09-371-772B-7/c
; Sequence 7, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 17

RESULT 218
US-09-912-165-6
; Sequence 6, Application US/09912165
; Patent No. 6640192
; GENERAL INFORMATION:
; APPLICANT: Collins, John
; TITLE OF INVENTION: Generation of Diversity in Combinatorial
; Libraries
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 233 South Wacker Drive/6300 Sears Tower
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912.165


```

; Sequence 5988, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5988
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5988

```

```

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 354 TACAGCGACTTCTCA 369
Db 17 TACATGGACTTCTCA 2

```

```

RESULT 222
US-09-866-108A-5992/c
; Sequence 5992, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

```

```

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5992
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5992

```

```

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 351 CTCTACAGCGACTTCC 366
Db 16 CTCTACATGGACTTCC 1

```

```

RESULT 223
US-09-866-108A-7559
; Sequence 7559, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

```

; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 7559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7559

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 385 ACGAGCGGCCAAGAA 400
Db 2 ATGACGGGCCAAGAA 17

RESULT 224

US-09-866-108A-7563
; Sequence 7563, Application US/09866108A
; Patent No. 6886188
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24363.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6886188
; SEQ ID NO 7563
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7563

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 388 ACGGCGCCCAAGAGT 403
Db 1 ACGGCGCCCAAGAGT 16

RESULT 225

PCT-US93-00977-72/c
; Sequence 72, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE:
PCT-US93-00977-72

Query Match 3.0%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 142 TGGCGGTGGAGCGCG 157
Db 16 TGGCGGTGGAGCGCG 1

RESULT 226

US-08-611-280-11
; Sequence 11, Application US/08611280
; Patent No. 5891666
; GENERAL INFORMATION:
; APPLICANT: Matsuyama, Toshifumi
; APPLICANT: Grossman, Alex
; APPLICANT: Richardson, Christopher D.
; TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Argen Canada Inc.
; STREET: 6733 Mississauga Road, Suite 303
; CITY: Mississauga
; STATE: Ontario
; COUNTRY: Canada
; ZIP: L5N 6J8

; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: IBM PC compatible
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/611,280
; FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oleksi, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-338A
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-611-280-11

Query Match 3.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 CAGAGTGAAGTGGC 19
Db 3 CAGAGTGAAGTGGAG 18

RESULT 227
US-08-448-561-23/c
Sequence 23, Application US/08448561
Patent No. 5908827
GENERAL INFORMATION:
APPLICANT: SIENA, Antonio
TITLE OF INVENTION: NEW PROTEIN FROM URINE NAMED COMPONENT B
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/448,561
FILING DATE: 22-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IT RM 92 A/919
FILING DATE: 22-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: SIENA=1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-448-561-23

Query Match 3.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 285 ACCAGCTGGTGAAG 300

Db 17 ACCACGCTGGTGAAG 2

RESULT 228
US-09-195-940-11
Sequence 11, Application US/09195940
Patent No. 6258935
GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
COUNTRY: Canada
ZIP: L5N 6J8

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,940
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/611,280
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Oleksi, Nancy A.
REGISTRATION NUMBER: 34,688
REFERENCE/DOCKET NUMBER: A-338A
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-195-940-11

Query Match 3.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 CAGAGTGAAGTGGC 19
Db 3 CAGAGTGAAGTGGAG 18

RESULT 229
US-09-562-466-11
Sequence 11, Application US/09562466
Patent No. 6369202
GENERAL INFORMATION:
APPLICANT: Matsuyama, Toshifumi
APPLICANT: Grossman, Alex
APPLICANT: Richardson, Christopher D.
TITLE OF INVENTION: NOVEL GENES ENCODING LSIRF POLYPEPTIDES
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Canada Inc.
STREET: 6733 Mississauga Road, Suite 303
CITY: Mississauga
STATE: Ontario
COUNTRY: Canada
ZIP: L5N 6J8

COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/562,466
;   FILING DATE: 01-May-2000
;   CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 09/195,940
;   FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Oleski, Nancy A.
;   REGISTRATION NUMBER: 34,688
;   REFERENCE/DOCKET NUMBER: A-338A
; INFORMATION FOR SEQ ID NO: 11:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 18 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: cDNA
;   SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-562-466-11

```

```

Query Match      3.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      4 CAGGAGTGAACCTGCG 19
        ||| ||| ||| ||| ||| ||| |||
DB      3 CAGAGTGAACCTGAG 18

```

```

RESULT 230
US-09-015-188-10
; Sequence 10, Application US/09015188C
; Patent No. 6399358
; GENERAL INFORMATION:
;   APPLICANT: Williams, Kevin J
;   APPLICANT: Tabas, Ira
;   TITLE OF INVENTION: A Human Gene Encoding Human Chondroitin
;   FILE REFERENCE: JEPF-0231
;   CURRENT APPLICATION NUMBER: US/09/015,188C
;   CURRENT FILING DATE: 1998-01-29
;   NUMBER OF SEQ ID NOS: 17
;   SOFTWARE: Patentin Ver. 2.0
;   LENGTH: 18
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURES:
;   OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-015-188-10

```

```

Query Match      3.0%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      293 GGTGAAGGACCTGACG 308
        ||| ||| ||| ||| ||| ||| |||
DB      2 GGTGAAGGACCTGCGC 17

```

```

RESULT 231
US-08-914-256-3
; Sequence 3, Application US/08914256
; Patent No. 6093873
; GENERAL INFORMATION:
;   APPLICANT: Chambon, Pierre
;   APPLICANT: Kastner, Philippe
;   TITLE OF INVENTION: Genetically Engineered Mice Containing

```

```

; TITLE OF INVENTION: Alterations in the Gene Encoding RXR-gamma
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
;   STREET: 1100 New York Avenue, NW, Suite 600
;   CITY: Washington
;   STATE: DC
;   COUNTRY: USA
;   ZIP: 20005
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/914,256
;   FILING DATE: Herewith (19-AUG-1997)
;   CLASSIFICATION: 800
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 60/024,175
;     FILING DATE: 19-AUG-1996
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Kim, Judith U.
;     REGISTRATION NUMBER: 40,679
;     REFERENCE/DOCKET NUMBER: 1383.0150001
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 202-371-2600
;     TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 3:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 19 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: cDNA
US-08-914-256-3

```

```

Query Match      3.0%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      113 CCGCAGCAAGTACGGC 128
        ||| ||| ||| ||| ||| ||| |||
DB      4 CCACAGCAAGTTCGGC 19

```

```

RESULT 232
US-09-425-462-17
; Sequence 17, Application US/09425462
; Patent No. 6610540
; GENERAL INFORMATION:
;   APPLICANT: Csete, Marie
;   APPLICANT: Doyle, John
;   APPLICANT: Wold, Barbara
;   APPLICANT: McKay, Ron
;   APPLICANT: Studer, Lorenz
;   TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System
;   FILE REFERENCE: seqlist
;   CURRENT APPLICATION NUMBER: US/09/425,462
;   CURRENT FILING DATE: 1999-10-22
;   EARLIER APPLICATION NUMBER: 09/195,569
;   EARLIER FILING DATE: 1998-11-18
;   NUMBER OF SEQ ID NOS: 24
;   SOFTWARE: Patentin Ver. 2.0
;   SEQ ID NO 17
;   LENGTH: 19
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
; FEATURES:
;   OTHER INFORMATION: Description of Artificial Sequence: Forward PCR
US-09-425-462-17

```


Query Match 3.0%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 3e+02; 2; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 294 GTGAAGGACCTGAGCC 309
DB 4 GTGAGGACCAAGCC 19

RESULT 233
US-08-631-200-39/c
; Sequence 39, Application US/08631200
; Patent No. 5646040
; GENERAL INFORMATION:
; APPLICANT: Kieyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/631,200
; FILING DATE: 12-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-631-200-39

Query Match 3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 132 CTGCGCCGCTGGCGTGG 150
DB 19 CTTGCGCTGCTGCTGG 1

RESULT 234
US-08-829-553-39/c
; Sequence 39, Application US/08829553
; Patent No. 5817762
; GENERAL INFORMATION:
; APPLICANT: Kieyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/922,267A
; FILING DATE: 2-SEP-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/829,553
; FILING DATE: 28-MAR-1997

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,553
FILING DATE: 28-MAR-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/631,200
FILING DATE: 12-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-057
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-829-553-39

Query Match 3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 132 CTGCGCCGCTGGCGTGG 150
DB 19 CTTGCGCTGCTGCTGG 1

RESULT 235
US-08-922-267A-39/c
; Sequence 39, Application US/08922267A
; Patent No. 5861239
; GENERAL INFORMATION:
; APPLICANT: Kieyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/922,267A
; FILING DATE: 2-SEP-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/829,553
; FILING DATE: 28-MAR-1997

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/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/631,200
/ FILING DATE: 12-APR-1996
/
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-085
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 869-9741/8864
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-922-267A-39

Query Match          3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      132 CTGCGCCGCTGCGGTGG 150
DB      19 CTTGCTGCTGCTGCTGG 1

RESULT 236
US-08-936-706A-39/c
/ Sequence 39, Application US/08936706A
/ Patent No. 5876919
/ GENERAL INFORMATION:
/ APPLICANT: Klevyn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/936,706A
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-099
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-706A-39

Query Match          3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      132 CTGCGCCGCTGCGGTGG 150
DB      19 CTTGCTGCTGCTGCTGG 1

RESULT 238
US-08-445-515-38
/ Sequence 38, Application US/08445515
/ Patent No. 6043088
/ GENERAL INFORMATION:
/ APPLICANT: Bookstein, Robert
/ APPLICANT: Isaacs, William B.
/ TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
/ TITLE OF INVENTION: Gene Located on Human Chromosome 8
/ NUMBER OF SEQUENCES: 59
/ CORRESPONDENCE ADDRESS:
```

```
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/631,200
/ FILING DATE: 12-APR-1996
/
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-085
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 869-9741/8864
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-922-267A-39

Query Match          3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      132 CTGCGCCGCTGCGGTGG 150
DB      19 CTTGCTGCTGCTGCTGG 1

RESULT 236
US-08-936-707A-39/c
/ Sequence 39, Application US/08936707A
/ Patent No. 5871931
/ GENERAL INFORMATION:
/ APPLICANT: Klevyn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/936,707A
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEFAX: (212) 869-9741/8864
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 39:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-707A-39
```

ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,515
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-CJ 1607
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-445-515-38

Query Match 3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 182 CAAGGCACATATCACTGC 200
Db 1 CAAGGCATATCAACTGC 19

RESULT 239
US-09-248-203-39/c
Sequence 39, Application US/09248203
Patent No. 6043346
GENERAL INFORMATION:
APPLICANT: Kleyn, Patrick W.
APPLICANT: Moore, Karen J.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/248,203
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/936,707
FILING DATE: 24-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-100
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-248-203-39
Query Match 3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 132 CTGCGCCGCTGCGGTGG 150
Db 19 CTGCGCTGCTGCTGTGG 1
RESULT 240
US-09-009-483A-13
Sequence 13, Application US/09009483A
Patent No. 6083699
GENERAL INFORMATION:
APPLICANT: Leuehner, James
APPLICANT: Hui, May
APPLICANT: Dunn, James M.
APPLICANT: Larson, Marina T.
APPLICANT: Lacroix, Jean-Michel
APPLICANT: Shipman, Robert
TITLE OF INVENTION: METHOD FOR BI-DIRECTIONAL SEQUENCING OF
TITLE OF INVENTION: NUCLEIC ACID POLYMERS
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,483A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-049
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:

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; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: primer for sequencing of exon 3 of HLA-C
; OTHER INFORMATION: Gene
US-09-009-483A-13

Query Match      3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 378 GACCGGACGAGCGGCCA 396
Db 1 GACCGCGGGGGCGGGCCCA 19

RESULT 241
US-09-050-159-2/c
; Sequence 2, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Andersson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; TYPE: DNA
; LENGTH: 19
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-2

Query Match      3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 360 GACTTCCTCAGTTCTCTGG 378
Db 19 GATTCTTCACCTCCTCTGG 1

RESULT 242
US-09-406-071-39/c
; Sequence 39, Application US/09406071
; Patent No. 6207386
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/406,071

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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/936,707
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-406-071-39

Query Match      3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 132 CTGCGCGCGCTGGCGCTGG 150
Db 19 CTGCGCTGCTGCTGCTGG 1

RESULT 243
US-09-338-907-468/c
; Sequence 468, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyu, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 468
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-123-184.misl
US-09-338-907-468

Query Match      3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 289 AGCTGGTGAAGGACCTGAG 307
Db 19 AGCTGGTGAATGTTCTGG 1

RESULT 244
US-09-564-805-185

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```

/ Sequence 185, Application US/09564805
/ Patent No. 6333403
/ GENERAL INFORMATION:
/ APPLICANT: Tavtligian, Sean V.
/ APPLICANT: Teng, David H.F.
/ APPLICANT: Simard, Jacques
/ APPLICANT: Rommens, Johanna M.
/ APPLICANT: Myriad Genetics, Inc.
/ TITLE OF INVENTION: Chromosome 17p-linked Prostate Cancer Susceptibility
/ FILE REFERENCE: 2318-258
/ CURRENT APPLICATION NUMBER: US/09/564,805
/ CURRENT FILING DATE: 2000-05-05
/ PRIOR APPLICATION NUMBER: US 60/107,468
/ PRIOR FILING DATE: 1998-11-06
/ PRIOR APPLICATION NUMBER: 09/434,382
/ PRIOR FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 240
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 185
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-564-805-185

Query Match      3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred: No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps

QY      50  CCACCTCAGGAGGAGTCTGTG 68
          |||||
DB       1  CCACACAGAGGAGCCACAG 19

RESULT 245
US-09-218-207-468/c
/ Sequence 468, Application US/09218207
/ Patent No. 6346381
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Ilya, Chumakov
/ APPLICANT: Bougueleret, Lydie
/ TITLE OF INVENTION: Prostate cancer gene
/ FILE REFERENCE: GENSET.018CP1
/ CURRENT APPLICATION NUMBER: US/09/218,207
/ CURRENT FILING DATE: 1998-12-22
/ EARLIER APPLICATION NUMBER: 08/996,306
/ EARLIER FILING DATE: 1997-12-22
/ EARLIER APPLICATION NUMBER: 60/099,658
/ EARLIER FILING DATE: 1998-09-09
/ NUMBER OF SEQ ID NOS: 578
/ SOFTWARE: Patent.pm
/ SEQ ID NO 468
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..19
/ OTHER INFORMATION: potential microsequencing oligo for 99-123-184.misl
US-09-218-207-468

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Query Match          3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred.No. 3.2e+00;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      289 AGCTGGTCAAGGACCTGAG 307
         |||||
Db       19 AGCTGGTCAATGTTCTGGG 1

```

RESULT 246

US-09-065-383-21

Sequence 21, Application US/09065383
Patent No. 6391543

GENERAL INFORMATION:

APPLICANT: BILLING-MEDEL, PATRICIA
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GORDON, JULIAN
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: HODGES, STEVEN C.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: KRATOCHVIL, JON D.
APPLICANT: ROBERTS-RAPP, LISA
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.

TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE PROSTATE

TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROSTATE

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/065,383

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/842,385

FILING DATE: 23-APR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Becker, Cheryl L.

REGISTRATION NUMBER: 35,441

REFERENCE/DOCKET NUMBER: 6084.US.P1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 847/935-1729

TELEFAX: 847/938-2623

TELEX:

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-065-383-21

Query Match 3.0%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred.No.3.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels

Qy 139 GCCTGGCGGTGGAGCGCG 157
|||||

Db 1 GACTGGCGGTAGAGGTTGG 19
|||||

RESULT 247

US-09-612-364-11/c

Sequence 11, Application US/09612964
Patent No. 6403342

GENERAL INFORMATION:

APPLICANT: Gusyatiner Mikhail Markovich
APPLICANT: Lunts Maria Grigorievna
APPLICANT: Koslov Yury Ivanovich
APPLICANT: Ivanovskaya Lirina Valerievna
APPLICANT: Voroshilova Elvira Borisovna

Query Match 3.0%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGCGGACGA 337
DB 2 GCGTGTGGCGGCGGACGA 20

RESULT 251

US-09-702-114A-10
; Sequence 10, Application US/09702114A
; Patent No. 6565078

; GENERAL INFORMATION:
; APPLICANT: Arthur B. Raitano
; APPLICANT: Aya Jakobovits
; APPLICANT: Mary Faris
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Steve Chappell Mitchell
; TITLE OF INVENTION: 36P6D5: SECRETED TUMOR ANTIGEN
; FILE REFERENCE: 129.22-US-U1
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/162,417
; PRIOR FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-702-114A-10

Query Match 3.0%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGCGGACGA 337
DB 2 GCGTGTGGCGGCGGACGA 20

RESULT 252

US-09-638-203-18
; Sequence 18, Application US/09638203
; Patent No. 6602501

; GENERAL INFORMATION:
; APPLICANT: Daniel E.H. Afar
; APPLICANT: Rene S. Hubert
; APPLICANT: Aya Jakobovits
; APPLICANT: Arthur B. Raitano
; TITLE OF INVENTION: NOVEL C-TYPE LECTIN TRANSMEMBRANE
; TITLE OF INVENTION: ANTIGEN EXPRESSED IN HUMAN PROSTATE CANCER AND USES THEREOF
; FILE REFERENCE: 129.20USU1
; CURRENT FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/148,935
; PRIOR FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-638-203-18

Query Match 3.0%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGCGGACGA 337
DB 2 GCGTGTGGCGGCGGACGA 20

RESULT 253

US-09-409-938-16
; Sequence 16, Application US/09409938
; Patent No. 6652859

; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel E.H.
; APPLICANT: Hubert, Rene S.
; APPLICANT: Raitano, Arthur B.
; APPLICANT: Mitchell, Stephen C.
; TITLE OF INVENTION: PTANS: TESTIS SPECIFIC PROTEINS
; TITLE OF INVENTION: EXPRESSED IN PROSTATE CANCER
; FILE REFERENCE: 129.26-US-U4
; CURRENT APPLICATION NUMBER: US/09/409,938
; CURRENT FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 60/102,556
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102,910
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/113,229
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/129,518
; PRIOR FILING DATE: 1999-04-14
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Nested Primer (NP) 2
US-09-409-938-16

Query Match 3.0%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGCGGACGA 337
DB 2 GCGTGTGGCGGCGGACGA 20

RESULT 254

US-08-291-932A-266/c
; Sequence 266, Application US/08291932A
; Patent No. 5658780

; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```

; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-266

```

```

Query Match 2.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 144 GCGGTGGAGCGCG 157
DB 14 GAGGTGGAGCGCG 1

```

```

RESULT 255
US-08-363-240A-139
; Sequence 139, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-139

```

```

Query Match 2.9%; Score 12.4; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.3e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 175 ACAGTCCCAAGCA 188
DB 2 ACAGUUCACAGCA 15

```

```

RESULT 256
US-08-363-240A-140
; Sequence 140, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-140

```


Query Match 2.9%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 2.3e+02;
 Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACAGTCCAGGCA 188
 |||||:|||||
 Db 1 ACAGTCCAGGCA 14

RESULT 257
 US-08-585-684B-48
 ; Sequence 48, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/585,684B
 FILING DATE: January 16, 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/000,951
 FILING DATE: July 7, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 48:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-585-684B-48

Query Match 2.9%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 64.3%; Pred. No. 2.3e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 398 GAAGGTCTTCTACG 411
 |||||:|||||
 Db 2 GAGGGUCUCUACG 15

RESULT 258
 US-09-038-073-48
 ; Sequence 48, Application US/09038073
 ; Patent No. 6194150
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 NUMBER OF SEQUENCES: 2751
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/038,073
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/585,684
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 48:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-038-073-48

Query Match 2.9%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 64.3%; Pred. No. 2.3e+02;
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 398 GAAGGTCTTCTACG 411
 |||||:|||||
 Db 2 GAGGGUCUCUACG 15

RESULT 259
 US-07-991-199D-8/c
 ; Sequence 8, Application US/07991199D
 ; Patent No. 5574142
 ; GENERAL INFORMATION:
 ; APPLICANT: Meyer Jr., Rich B.
 ; APPLICANT: Gall, Alexander A.
 ; APPLICANT: Reed, Michael W.
 ; TITLE OF INVENTION: Peptide Linkers For Improved
 ; TITLE OF INVENTION: Oligonucleotide Delivery
 ; NUMBER OF SEQUENCES: 15
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Klein & Szekeres
 ; STREET: 4199 Campus Drive, Suite 700
 ; CITY: Irvine
 ; STATE: CA
 ; COUNTRY: U.S.A.
 ; ZIP: 92715
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25

```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/991,199D
; FILING DATE: 15-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-04-PA
; TELEPHONE: (714) 854-4897
; TELEFAX: (714) 854-4897
; INFORMATION FOR SEQ ID NO: 8:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis B virus
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "Nucleotide 1 is H2N-(CH2)6-OPO2-5'-O-C."
US-07-991-199D-8

Query Match          2.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      33 TGGGACGAGATGG 46
Db      16 TGTGACGAGATGG 3

RESULT 260
US-07-789-738-1
; Sequence 1, Application US/07789738
; Patent No. 5824857
; GENERAL INFORMATION:
; APPLICANT: Beachy, Roger N.
; APPLICANT: Bhattacharyya, Maitrayee
; TITLE OF INVENTION: Plant Promoter
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
; STREET: 700 Chesterfield Parkway No. 5824857ch
; CITY: St. Louis
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63198
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/789,738
; FILING DATE: 19920330
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoerner Jr., Dennis R.
; REGISTRATION NUMBER: 30,914
; REFERENCE/DOCKET NUMBER: 38-21(10540)A
; TELEPHONE: (314)537-6099
; TELEFAX: (314)537-6047
; INFORMATION FOR SEQ ID NO: 1:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
```

```
;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-07-789-738-1

Query Match          2.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      397 AGAAGTCTTCTAC 410
Db      1 AGAAGTCTTCTAC 14

RESULT 261
PCT-US93-12246-8/C
; Sequence 8, Application PC/TUS9312246
; GENERAL INFORMATION:
; APPLICANT: Meyer Jr., Rich B.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Reed, Michael W.
; TITLE OF INVENTION: Peptide Linkers For Improved
; TITLE OF INVENTION: Oligonucleotide Delivery
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klein & Szekeres
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92715
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12246
; FILING DATE: 15-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/991,199
; FILING DATE: 15-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-04-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (714) 854-5502
; TELEFAX: (714) 854-4897
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis B virus
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 1
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "Nucleotide 1 is H2N-(CH2)6-OPO2-5'-O-C."
PCT-US93-12246-8

Query Match          2.9%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 2.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      33 TGGGACGAGATGG 46
Db      1 TGTGACGAGATGG 3
```

DB

16 TGTGACGAAGATGG 3

RESULT 262

US-08-584-040-7869/c
; Sequence 7869, Application US/08584040
; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 7869:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7869

Query Match 2.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1 GGCCAGGAGTGAAA 14

|||||

15 GGCCAGGAGTGAGA 2

DB

RESULT 263

US-09-474-432B-758

; Sequence 758, Application US/0947432B
; Patent No. 6528640

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot;
; FILE REFERENCE: MBH00-831-B (247/276)

; CURRENT APPLICATION NUMBER: US/09/474,432B

; CURRENT FILING DATE: 1999-12-19

; PRIOR APPLICATION NUMBER: US 60/064,866

; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 758

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

; US-09-474-432B-758

Query Match 2.9%; Score 12.4; DB 1; Length 17;

Best Local Similarity 78.6%; Pred. No. 2.9e+02;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY

259 CCACGGTGCACCTG 272

|||||

4 CCACGGGCGACGCG 17

DB

RESULT 264

US-09-371-772B-3652/c

; Sequence 3652, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00.876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 3652

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Mus sp.

; US-09-371-772B-3652

Query Match

Best Local Similarity 92.9%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

1 GGCCAGGAGTGAAA 14

|||||

15 GGCCAGGAGTGAGA 2

DB

RESULT 265

US-09-476-387-757

; Sequence 757, Application US/09476387

; Patent No. 6617438

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpelesky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zimen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
FILE REFERENCE: MEH00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: Patent in version 3.0
SEQ ID NO 757
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-757

Query Match 2.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2.9e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 259 CCACGGTGCACCTG 272
|||||:|||||:
Db 4 CCACGGGACGUG 17

RESULT 266
US-09-747-391-79/c
Sequence 79, Application US/09747391
Patent No. 6670124
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCytex, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/09/747,391
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 79
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-747-391-79

Query Match 2.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 373 TCCTGGACCGGCAC 386
|||||:|||||:
Db 14 TCCTGGACCGGC 1

RESULT 267
US-09-866-108A-1011
Sequence 1011, Application US/09866108A

Patent No. 6886188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6886188
SEQ ID NO 1011
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1011

Query Match 2.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 204 GTCAAGACGACGAA 217
|||||:|||||:
Db 2 GCGAAGACGACGAA 15

RESULT 268
US-09-866-108A-1012
Sequence 1012, Application US/09866108A
Patent No. 6886188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Ascomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 1012
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-1012

Query Match 2.9%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2.9e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 204 GTGAAAGCAGAGAA 217
 DB 1 GGGAAAGCAGAGAA 14

RESULT 269
 US-08-577-858A-23/c
 ; Sequence 23, Application US/08577858A
 ; Patent No. 5834189
 ; GENERAL INFORMATION:
 ; APPLICANT: Stevens, John K.
 ; APPLICANT: Dunn, James M.
 ; APPLICANT: Leushner, James
 ; APPLICANT: Green, Ronald
 ; TITLE OF INVENTION: Method for Evaluation of Polymorphic
 ; TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA
 ; NUMBER OF SEQUENCES: 33
 ; TYPE OF INVENTION: Types
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Oppedahl & Larson
 ; STREET: 1992 Commerce Street Suite 309
 ; CITY: Yorktown
 ; STATE: NY
 ; COUNTRY: US
 ; ZIP: 10598
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
 ; COMPUTER: IBM compatible
 ; OPERATING SYSTEM: MS DOS
 ; SOFTWARE: Word Perfect
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/577,858A
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Larson, Marina T.
 ; REGISTRATION NUMBER: 32,038
 ; REFERENCE/DOCKET NUMBER: VGEN.P-019-US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (914) 245-3252
 ; TELEFAX: (914) 962-4330

; TELEX:
 ; INFORMATION FOR SEQ ID NO: 23:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; HYPOTHETICAL: no
 ; ANTI-SENSE: yes
 ; FRAGMENT TYPE: internal
 ; ORIGINAL SOURCE:
 ; ORGANISM: human
 ; FEATURE:
 ; OTHER INFORMATION: forward sequencing primer for HLA-C gene, exon 2
 US-08-577-858A-23
 Query Match 2.9%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 300 GACCTGAGCCCGG 313
 DB 14 GACCTGCGCCCGG 1
 RESULT 270
 US-09-339-964-46
 ; Sequence 46, Application US/09339964
 ; Patent No. 6025198
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
 ; FILE REFERENCE: RTS-0065
 ; CURRENT APPLICATION NUMBER: US/09/339,964
 ; CURRENT FILING DATE: 1999-06-25
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 45
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-339-964-46
 Query Match 2.9%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 3.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 273 GAGCAGGGCGGCAC 286
 DB 2 GAGCAGGGCGGCAC 15
 RESULT 271
 US-09-200-232-6
 ; Sequence 6, Application US/09200232
 ; Patent No. 6326145
 ; GENERAL INFORMATION:
 ; APPLICANT: Whitcombe, David M
 ; APPLICANT: Theaker, Jane
 ; APPLICANT: Gibson, Neil J
 ; APPLICANT: Little, Stephen
 ; TITLE OF INVENTION: Methods for Detecting Nucleic Acid Sequences
 ; FILE REFERENCE: 1991-143
 ; CURRENT APPLICATION NUMBER: US/09/200,232
 ; CURRENT FILING DATE: 1998-11-25
 ; PRIOR APPLICATION NUMBER: UK/9812768.1
 ; PRIOR FILING DATE: 1998-06-13
 ; NUMBER OF SEQ ID NOS: 8
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 6

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Quencher
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: n = MR = a non-fluorogenic fluorophore attached to
; OTHER INFORMATION: a uracil
US-09-200-232-6
Query Match      2.9%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 61 AGTCTGCGACTAC 74
Db 2 ACTCTGCGACTAC 15

RESULT 272
US-09-422-978-4482
; Sequence 4482, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4482
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-15325 for SEQ 548,
US-09-422-978-4482
Query Match      2.9%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 362 CTTCCTCACTTCC 375
Db 5 CTTCCTCACTTTC 18

RESULT 273
US-09-422-978-10930/c
; Sequence 10930, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
```

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; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10930
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-21952 for SEQ 3065, in complem
US-09-422-978-10930
Query Match      2.9%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 212 AGAGAACTCGGTGG 225
Db 15 AGAGAACACGGTGG 2

RESULT 274
US-09-422-978-4482
; Sequence 4482, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Reed, Michael W.; Meyer, Rich B.
; TITLE OF INVENTION: TRIFUNCTIONAL INTERMEDIATES FOR
; PREPARING 3'-TAILED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/12,896
; FILING DATE: 03-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 574,348
; FILING DATE: 28-AUG-1990
; APPLICATION NUMBER:
; FILING DATE:
; SEQ ID NO: 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-15325 for SEQ 548,
US-09-422-978-4482
Query Match      2.9%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 3.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 33 TGGGACGAGATGG 46
Db 18 TGTGACGAGATGG 5

RESULT 275
US-08-068-945A-41/c
; Sequence 41, Application US/08068945A
; Patent No. 5616483
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lemnart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: New DNA Sequences
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/068,945A
APPLICATION NUMBER: US/08/068,945A
FILING DATE: 27-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9201809-2
  FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9201826-6
  FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9202088-2
  FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9300902-5
  FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
  NAME: Sterner, Richard J.
  REGISTRATION NUMBER: 35,372
  REFERENCE/DOCKET NUMBER: 1103326-052
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (212)819-8783
  TELEFAX: (212)354-8113
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
  LENGTH: 19 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  MOLECULE TYPE: DNA (genomic)
US-08-068-945A-41

Query Match          2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 259 CCACGTCACCTG 272
DB 16 CCACGTCACCTG 3

RESULT 276
US-08-182-172-11/c
; Sequence 11, Application US/08182172
; Patent No. 5714318
; GENERAL INFORMATION:
; APPLICANT: Sagner, Gregor
; APPLICANT: Kessler, Christoph
; APPLICANT: Blum, Helmut
; APPLICANT: Domdey, Horst
; TITLE OF INVENTION: SIMULTANEOUS SEQUENCING OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/182,172
  FILING DATE:
```

```
ATTORNEY/AGENT INFORMATION:
  NAME: Murray, Robert B.
  REGISTRATION NUMBER: 22,980
  REFERENCE/DOCKET NUMBER: P564-4006
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (202)638-5000
  TELEFAX: (202)638-4810
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
  LENGTH: 19 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  MOLECULE TYPE: DNA
US-08-182-172-11

Query Match          2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 221 GGTGGGGCCCAAT 234
DB 19 GGTGGGGCCCAAT 6

RESULT 277
US-08-442-806-41/c
; Sequence 41, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: Genomic DNA Sequences
; TITLE OF INVENTION: Encoding Human BSSL/CEL
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/442,806
  FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9201809-2
  FILING DATE: 11-JUN-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9201826-6
  FILING DATE: 12-JUN-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9202088-2
  FILING DATE: 03-JUL-1992
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: SE 9300902-5
  FILING DATE: 19-MAR-1993
ATTORNEY/AGENT INFORMATION:
```

; NAME: Sterner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)819-8783
; TELEFAX: (212)354-8113
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-442-806-41

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 259 CCACGGTGCACCTG 272
Db 16 CCACAGTGCACCTG 3

RESULT 278

US-08-796-883-13
; Sequence 13, Application US/08796883
; Patent No. 5744353
; GENERAL INFORMATION:
; APPLICANT: Herman, Jean; Coulie, Pierre;
; APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;
; APPLICANT: Luescher, Immanuel.
; TITLE OF INVENTION: Tumor Rejection Antigens Presented By
; TITLE OF INVENTION: HLA-B44 Molecules, And Uses Thereof
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/796,883
; FILING DATE: 06-FEB-1997
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/602,506
; FILING DATE: 20-FEBRUARY-1996
; APPLICATION NUMBER: 08/531,864
; FILING DATE: 21-SEPTEMBER-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,636
; FILING DATE: 17-JANUARY-1995
; APPLICATION NUMBER: 08/253,503
; FILING DATE: 3-JUNE-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 5744353man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5436
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; FEATURE:
; NAME/KEY: PCR primer
US-08-796-883-13

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 GAGTGAAACTGCGG 20
Db 3 GAGTGAACTGCGG 16

RESULT 279

US-08-447-430A-2/c
; Sequence 2, Application US/08447430A
; Patent No. 5916558
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Recombinant polypeptides and peptides,
; TITLE OF INVENTION: nucleic acids coding for the same and use of these
; TITLE OF INVENTION: polypeptides and peptides in the diagnostic of
; TITLE OF INVENTION: tuberculosis.
; NUMBER OF SEQUENCES: 43
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/447,430A
; FILING DATE:
; CLASSIFICATION: 424
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-447-430A-2

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 387 GACGGCGCCAGAA 400
Db 16 GACGGCGCCAGAA 3

RESULT 280

US-08-531-864-13
; Sequence 13, Application US/08531864
; Patent No. 5977300
; GENERAL INFORMATION:
; APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
; TITLE OF INVENTION: Isolated No. 5977300a- and Decapeptides Which
; TITLE OF INVENTION: Bind to HLA-B44 Molecules And The Use Thereof
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM

OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-SEPTEMBER-1995
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 597730man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURES:
NAME/KEY: PCR primer
US-08-531-864-13

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 GAGTGAACCTCGG 20
DB 3 GAGTGAACCTCGG 16

RESULT 281
US-08-373-636C-13
Sequence 13, Application US/08373636C
Patent No. 5997870
GENERAL INFORMATION:
APPLICANT: Coullie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes For A
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,636C
FILING DATE: 17-JANUARY-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5997870man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5378.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURES:
NAME/KEY: PCR primer
US-08-373-636C-13

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 GAGTGAACCTCGG 20
DB 3 GAGTGAACCTCGG 16

RESULT 282
US-08-602-506A-13
Sequence 13, Application US/08602506A
Patent No. 6060257
GENERAL INFORMATION:
APPLICANT: Herman, Jean; Coullie, Pierre;
APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By HLA-
TITLE OF INVENTION: B44 Molecules, And Uses Thereof
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,506A
FILING DATE: 20-FEBRUARY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/531,864
FILING DATE: 21-SEPTEMBER-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6060257man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5436
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURES:
NAME/KEY: PCR primer
US-08-602-506A-13

Query Match

2.9%; Score 12.4; DB 1; Length 19;

Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 GAGTGAACCTGCGG 20
|||||
Db 3 GAGTGAACCTGCGG 16

RESULT 283
US-08-945-654-20
; Sequence 20, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT: Coullie, Pierre; Boon-Falleur, Thierry
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEROP.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
US-08-945-654-20

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 364 TCCTCACTTCCTG 377
|||||
Db 3 TCCTCACTTCCTG 16

RESULT 284
US-09-266-294-13
; Sequence 13, Application US/09266294
; Patent No. 6171806
; GENERAL INFORMATION:
; APPLICANT: Coullie, Pierre; Boon-Falleur, Thierry
; TITLE OF INVENTION: Isolated HLA-B*44 and Decapeptides which
; TITLE OF INVENTION: Bind to HLA-B*44 Molecules And the Use Thereof
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/266,294
; FILING DATE:
; CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,864
; FILING DATE: 21-September-1995
; APPLICATION NUMBER: 08/373,636
; FILING DATE: 17-JANUARY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/253,503
; FILING DATE: 3-JUNE-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6171806man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5378.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; FEATURE:
; NAME/KEY: PCR primer
US-09-266-294-13

Query Match 2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 GAGTGAACCTGCGG 20
|||||
Db 3 GAGTGAACCTGCGG 16

RESULT 285
US-09-179-281-13
; Sequence 13, Application US/09179281
; Patent No. 6245333
; GENERAL INFORMATION:
; APPLICANT: Coullie, Pierre; Boon-Falleur, Thierry
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Codes
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,281
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,636
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6245333man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5378.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```
/ TOPOLOGY: linear
/ MOLECULE TYPE: nucleic acid
/ FEATURE:
/ NAME/KEY: PCR primer
US-09-179-281-13

Query Match      2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 GAGTGAACCTCGG 20
   |||||
Db 3 GAGTGAACCTCGG 16

RESULT 286
US-09-345-882-132/c
; Sequence 132, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; FILE REFERENCE: GENSET 031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 132
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: microsequencing oligo for 5-143-84.mis2
US-09-345-882-132

Query Match      2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 55 CAGAGGAGTCTCTG 68
   |||||
Db 14 CAGAGGAGTCTCTG 1

RESULT 287
US-09-342-673-2/c
; Sequence 2, Application US/09342673
; Patent No. 6531138
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Recombinant polypeptides and peptides,
; TITLE OF INVENTION: nucleic acids coding for the same and use of these
; TITLE OF INVENTION: polypeptides and peptides in the diagnostic of
; TITLE OF INVENTION: tuberculosis.
; NUMBER OF SEQUENCES: 43
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; APPLICATION DATA:
; APPLICATION NUMBER: US/09/342,673
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/447,430
```

```
/ FILING DATE:
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
US-09-342-673-2

Query Match      2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 387 GACGGCGCCACGAA 400
   |||||
Db 16 GACGGCGCCACGAA 3

RESULT 288
US-09-747-391-1
; Sequence 1, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCytex, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-1

Query Match      2.9%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 GAGTGAACCTCGG 20
   |||||
Db 3 GAGTGAACCTCGG 16

RESULT 289
US-09-747-391-119
; Sequence 119, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCytex, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 119
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-119
```

Query Match 2.9%; Score 12.4; DB 1; Length 19;
 Best Local Similarity 92.9%; Pred. No. 3.5e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7 GAGTGAACCTGCGG 20
 |||||
 Db 3 GAGTGAACCTGCGG 16

RESULT 290

US-08-985-162-553/c
 ; Sequence 553, Application US/08985162
 ; Patent No. 6057156

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 TITLE OF INVENTION: ENZYMAATIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 553:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-985-162-553

Query Match 2.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 391 GCGCCAGAGGCTTC 407
 |||||
 Db 17 GCGCCATGAAGGCCTC 1

RESULT 291

US-08-985-162-554/c
 ; Sequence 554, Application US/08985162
 ; Patent No. 6057156

GENERAL INFORMATION:

APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: ENZYMAATIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 554:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-985-162-554

Query Match 2.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 390 GCGCCAGAGGCTTC 406
 |||||
 Db 17 GCGCCATGAAGGCCTT 1

RESULT 292

US-08-388-029A-4
 ; Sequence 4, Application US/08388029A
 ; Patent No. 6110685

GENERAL INFORMATION:

APPLICANT: FENGER, CLARA K.
 APPLICANT: GRANSTROM, DAVID R.
 APPLICANT: GAJADHAR, ALVIN A.
 TITLE OF INVENTION: SARCOCYTIS NEURONA DIAGNOSTIC PRIMER
 NUMBER OF SEQUENCES: 97
 CORRESPONDENCE ADDRESS:

ADDRESSEE: LOWE, PRICE, LEBLANC & BECKER
 STREET: 99 CANAL CENTER PLAZA, SUITE 300
 CITY: ALEXANDRIA
 STATE: VIRGINIA
 COUNTRY: US
 ZIP: 22314

COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,029A
; FILING DATE: 14-FEB-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: PRICE, ROBERT L.
; REGISTRATION NUMBER: 22,685
; REFERENCE/DOCKET NUMBER: 434-046
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; TELEX: AMERPAT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-388-029A-4

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 CCAGGAGTGAACCTGCG 19
Db 1 CCAGCGGTGGAGCTGCG 17

RESULT 293
US-09-324-867-61
; Sequence 51, Application US/09324867A
; Patent No. 6251832
; GENERAL INFORMATION:
; APPLICANT: Lillcrap, David
; APPLICANT: Cameron, Cherie
; APPLICANT: No. 62516321ev, Colleen
; APPLICANT: Horrocks, L. Suzanne Hoyle
; APPLICANT: Hough, Christine
; TITLE OF INVENTION: Canine Factor VIII Gene, Protein and Methods of Use
; FILE REFERENCE: 1669.0010002/JAG/RJD
; CURRENT APPLICATION NUMBER: US/09/324,867A
; CURRENT FILING DATE: 1999-06-03
; EARLIER APPLICATION NUMBER: 09/035,141
; EARLIER FILING DATE: 1998-03-059
; EARLIER APPLICATION NUMBER: 60/039,953
; EARLIER FILING DATE: 1997-03-06
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 61
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Synthetic oligonucleotide
; US-09-324-867-61

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 214 AGAAGCTCGGTGCGGCC 230
Db 1 AGAAGCTCGGTGCGGCC 17

RESULT 294
US-08-584-040-7232
```

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; Sequence 7232, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7232

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 234 TCGGAGGCTGCTTCCC 250
Db 1 UCGGGUGUCUGCTUCUC 17

RESULT 295
US-09-371-772B-3046
; Sequence 3046, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
```

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3046
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3046

Query Match 2.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 234 TCGGAGGCTGCTTCCC 250
:|||||:|||||:
Db 1 UCGGGUGUCGUCUUC 17

RESULT 296
US-09-371-772B-4560
; Sequence 4560, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4560
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4560

Query Match 2.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 40 AGATGGCCCACTCA 56
:|||||:|||||:
Db 1 AAAUGGCCCACTCA 17

RESULT 297
US-09-371-772B-4561
; Sequence 4561, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4561
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4561

Query Match 2.9% Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 41 AGATGGCCCACTCAG 57
:|||||:|||||:
Db 1 AAAUGGCCCACTAAG 17

RESULT 298
US-09-401-063-553/C
; Sequence 553, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 553:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-553

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 391 GCGCCAGAGGCTTC 407
DB 17 GCGCCATGAGGCTTC 1

RESULT 299

US-09-401-063-554/c
; Sequence 554, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggan, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 554:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-554

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 390 GCGCCAGAGGCTTC 406
DB 17 GCGCCATGAGGCTTC 1

RESULT 300

US-09-866-108A-783/c
; Sequence 783, Application US/09866108A

Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 783
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-783

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 214 AGAATCGGTGCGGCC 230
DB 17 AGATCTCGGTGCGGCC 1

RESULT 301

US-09-866-108A-1014
; Sequence 1014, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 1014
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-1014

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 206 GAAAGCAGAGAACTCGG 222
|||||
DB 1 GAAAGCAGAGAGGAGG 17

RESULT 302
US-09-866-108A-1479/c
;; Sequence 1479, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine

;; Patent No. 6686188
;; SEQ ID NO 1479
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-1479

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 126 GGCATGCTGGCCGCGCT 142
|||||
DB 17 GGCCTCTGGCCAGCCT 1

RESULT 303
US-09-866-108A-1480/c
;; Sequence 1480, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 1480
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-1480

Query Match 2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 125 GGCATGCTGGCCGCGC 141
|||||
DB 17 GGCCTCTGGCCAGCC 1

RESULT 304
US-09-866-108A-1481/c


```

: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharon G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
: FILE REFERENCE: AEOMICA-7
: CURRENT APPLICATION NUMBER: US/09/866,108A
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04

```

; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6213
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-6213

Query Match 2.9%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 3

QY 291 CTGGTGAAGGACCTGAG 307
 DB 17 CTGTTGCAGGACTGGG 1

RESULT 306
 US-09-866-108A-9021
 ; Sequence 9021, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AROMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755

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; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9021
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9021

Query Match          2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 289 AGCTGGTGAAGACCTG 305
Db 1 AGCTGGAGAGTACGTG 17

RESULT 307
US-09-866-108A-9919/c
; Sequence 9919, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMONICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9919
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9919

Query Match          2.9%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 71 CTACGAGGCGCGGCG 87
Db 17 CTAAGAGGAGCTCGCG 1

RESULT 308

```

```

US-08-271-942A-102/c
; Sequence 102, Application US/08271942A
; Patent No. 5550020
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,942A
; FILING DATE: 08-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHEetical: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 18 of human Rb1 gene
US-08-271-942A-102

Query Match          2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 180 TCCAGGCGACATATCCA 196
Db 18 TCCAGGTACATATCAA 2

RESULT 309
US-08-210-762E-45/c
; Sequence 45, Application US/08210762E
; Patent No. 5637441
; GENERAL INFORMATION:
; APPLICANT: Hjelte, Brian
; APPLICANT: Jenison, Steve
; TITLE OF INVENTION: Molecular Clones Producing Recombinant DNA Antigens of
; TITLE OF INVENTION: the HARDS Virus.
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:

```

RESULT 310

US-09-156-253-29

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 TTCTACGTGATCGAGAC 421
|||||
DB 2 TTCTACGTGATCGTGGC 18

RESULT 312

US-09-106-038A-74/c

; Sequence 74, Application US/09106038A

; Patent No. 6007995

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker and Lex M. Cowart

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNF α

; NUMBER OF SEQUENCES: 91

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Isis Pharmaceuticals, Inc.

; STREET: 2292 Faraday Avenue

; CITY: Carlsbad

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 92008

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: Windows NT

; SOFTWARE: Microsoft Word 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/106,038A

; FILING DATE: June 26, 1998

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Laurel Spear Bernstein

; REGISTRATION NUMBER: 37,280

; REFERENCE/DOCKET NUMBER: RTS-0004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (760) 931-9200

; TELEFAX: (760) 603-3820

; INFORMATION FOR SEQ ID NO: 74:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-106-038A-74

Query Match

Best Local Similarity 82.4%; Score 12.2; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GCTGGCCCGCTGCGGG 147
|||||
DB 18 GCTGGGCTGCTGGAGG 2

RESULT 313

US-08-779-916A-102/c

; Sequence 102, Application US/08779916A

; Patent No. 6063567

; GENERAL INFORMATION:

; APPLICANT: Gallie, Brenda L.

; APPLICANT: Dunn, James M.

; APPLICANT: Stevens, John K.

; APPLICANT: Hul, May

; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

; AND Targeted Screening for Retinoblastoma

; NUMBER OF SEQUENCES: 123

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/779,916A

; FILING DATE: 07-JAN-1997

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/271,942

; FILING DATE: 08-JUL-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Marina T. Larson

; REGISTRATION NUMBER: 32,038

; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (914) 245-3252

; TELEFAX: (914) 962-4330

; TELEX:

; INFORMATION FOR SEQ ID NO: 102:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: genomic DNA

; HYPOTHETICAL: no

; ANTI-SENSE: no

; FRAGMENT TYPE: internal

; ORIGINAL SOURCE: human

; ORGANISM: human

; FEATURE:

; NAME/KEY: primer for exon 18 of human RBI gene

; US-08-779-916A-102

Query Match

Best Local Similarity 82.4%; Score 12.2; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 180 TCCAGGCACATATCCA 196
|||||
DB 18 TCCAGGTACATATCAA 2

RESULT 314

US-08-988-321B-25/c

; Sequence 25, Application US/08988321B

; Patent No. 6174868

; GENERAL INFORMATION:

; APPLICANT: Kevin P. Anderson et al.

; TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V

; NUMBER OF SEQUENCES: 37

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM COMPATIBLE

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/988,321B

```

; FILING DATE: December 10, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/650,093
; FILING DATE: May 17, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (856) 810-1515
; TELEFAX: (856) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-08-988-321B-25
;
; Query Match 2.9%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 3.5e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 261 ACGGTGCACCTGGAGCA 277
; DB 18 ACGGTGCACCTGGAGCA 2
;
; RESULT 315
; US-08-988-321B-34/c
; Sequence 34, Application US/08988321B
; Patent No. 6174868
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; City: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/988,321B
; FILING DATE: December 10, 1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/650,093
; FILING DATE: May 17, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0245
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (856) 810-1515
; TELEFAX: (856) 810-1454
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
; US-08-988-321B-34
;
; Query Match 2.9%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 3.5e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 261 ACGGTGCACCTGGAGCA 277
; DB 17 ACGGTGCACCTGGAGCA 1
;
; RESULT 316
; US-09-474-922A-53/c
; Sequence 53, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
; US-09-474-922A-53
;
; Query Match 2.9%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 3.5e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 76 AGGCCCGCGCAGTGGAC 92
; DB 18 ATGCCCGCAGCAGTAGAC 2
;
; RESULT 317
; US-09-045-301-9/c
; Sequence 9, Application US/09045301A
; Patent No. 6265388
; GENERAL INFORMATION:
; APPLICANT: Fett, James W.
; APPLICANT: Olson, Karen A.
; TITLE OF INVENTION: Antisense Inhibition of Angiogenin Expression
; FILE REFERENCE: 10498/05286
; CURRENT APPLICATION NUMBER: US/09/045,301A
; CURRENT FILING DATE: 1998-03-20
; EARLIER FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9

```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-045-301-9
Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 292 TGTGAAGGACCTGAGC 308
Db 17 TGGTGATGGGCTGGGC 1

RESULT 318
US-09-106-075A-45/c
; Sequence 45, Application US/09106075A
; Patent No. 6316250
; GENERAL INFORMATION:
; APPLICANT: Hjelte MD, Brian
; APPLICANT: Jensen, Steve
; TITLE OF INVENTION: Molecular Clones Producing Recombinant DNA Antigens of
; TITLE OF INVENTION: the HARDS Virus.
; FILE REFERENCES: 10312-801, Hjelte et al. (210312.0009)
; CURRENT APPLICATION NUMBER: US/09/106.075A
; CURRENT FILING DATE: 1998-06-29
; PRIOR APPLICATION NUMBER: 08/210.762
; PRIOR FILING DATE: 1994-03-22
; PRIOR APPLICATION NUMBER: 08/141.035
; PRIOR FILING DATE: 1993-10-26
; PRIOR APPLICATION NUMBER: 08/120.096
; PRIOR FILING DATE: 1993-09-13
; PRIOR APPLICATION NUMBER: 08/111.519
; PRIOR FILING DATE: 1993-08-25
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Prospect Hill virus
US-09-106-075A-45
Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 302 CCTGAGCCCGGGGACC 318
Db 18 CCTGAGCCCATGCACC 2

RESULT 319
US-09-655-270A-23
; Sequence 23, Application US/09655270A
; Patent No. 6329151
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; TITLE OF INVENTION: High Density Sampling of Differentially Expressed Prokaryotic mR
; FILE REFERENCES: BC1011 US NA
; CURRENT APPLICATION NUMBER: US/09/655,270A
; CURRENT FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-February-19
; PRIOR APPLICATION NUMBER: 60/152,542
; PRIOR FILING DATE: 1995-September-03
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-655-270A-23
Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 178 AGTCCAGGACATATC 194
Db 1 AGTCCAGGACATATC 17

RESULT 320
US-08-584-040-8308
; Sequence 8308, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8308:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8308
Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 238 GAGGCTGCTCCCGGC 254
Db 2 GAGACUGCUCACCGGC 18
```

```
RESULT 321
US-08-679-645-635 Application US/08679645
; Sequence 635
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 635:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-679-645-635

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 121 AGTAGGCATGCTGCC 137
DB 2 AGUUCGGCCUGCAGGCC 18

RESULT 322
US-09-651-941-27
; Sequence 27, Application US/09651941
; Patent No. 6355470
; GENERAL INFORMATION:
```

```
; APPLICANT: ROUVIER, PIERRE E
; APPLICANT: WALTERS, DANA M
; APPLICANT: RAINER, RUSS
; TITLE OF INVENTION: Genes Encoding Picric Acid Degradation
; FILE REFERENCE: BC1022 US NA
; CURRENT APPLICATION NUMBER: US/09/651,941
; CURRENT FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152,545
; PRIOR FILING DATE: 1999-10-03
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: primer
US-09-651-941-27

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 178 AGTCCAGGCACATATC 194
DB 1 AGTCCAGGCACATATC 17

RESULT 323
US-08-650-093C-108/c
; Sequence 108, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
```

```
;
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 108;
US-08-650-093C-108

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 ACCGTGCACCTGGAGCA 277
   |||||
Db 18 ACCGTGCACCTGGAGCA 2

RESULT 324
US-08-650-093C-117/c
; Sequence 117, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 117:
US-08-650-093C-117

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 ACCGTGCACCTGGAGCA 277
   |||||
Db 17 ACCGTGCACCTGGAGCA 1

RESULT 325
US-09-167-109-16
; Sequence 16, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-16

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 239 AGGCTGCTTCCGGGCT 255
   |||||
Db 1 AGACGGCTTCTGGGCT 17

RESULT 326
US-09-154-750A-3/c
; Sequence 3, Application US/09154750A
; Patent No. 6432640
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Polyak, Kornelia
; TITLE OF INVENTION: p53-Induced Apoptosis
; FILE REFERENCE: 1107.75357
; CURRENT APPLICATION NUMBER: US/09/154,750A
; CURRENT FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/059,153
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/079817
; PRIOR FILING DATE: 1998-03-30
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-154-750A-3

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 328 CCGCGCAGCAGCAGGC 344
   |||||
Db 17 CCGCGCAGCAGCAGGC 1

RESULT 327
US-09-955-597-27
; Sequence 27, Application US/09955597
; Patent No. 6461856
; GENERAL INFORMATION:
; APPLICANT: ROUVIER, PIERRE E
; APPLICANT: WALTERS, DANA M
; APPLICANT: RAINER, RUSS
; TITLE OF INVENTION: Genes Encoding Picric Acid Degradation
; FILE REFERENCE: BC1022 US NA
```


; CURRENT APPLICATION NUMBER: US/09/955,597
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/152,545
; PRIOR FILING DATE: 1999-10-03
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: primer
US-09-955-597-27

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 178 AGTCCAGGACATATC 194
Db 1 AGTCCAGGACATATC 17

RESULT 328
US-09-077-619-39
; Sequence 39, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-39

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 298 AGGACCTGAGCCCGGG 314
Db 2 AGGACCTGCGCTCTGG 18

RESULT 329
US-09-319-588C-27
; Sequence 27, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCLERE, Philippe
; APPLICANT: LOUSSERT-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C

; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-27

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 55 CAGAGGAGTCTCTGCAC 71
Db 2 CAGAGAACTCTCTGTAC 18

RESULT 330
US-09-319-588C-71
; Sequence 71, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCLERE, Philippe
; APPLICANT: LOUSSERT-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 71 (corresponds to GAG Y S1.1 gag of Figure 1)
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus type 1
US-09-319-588C-71

Query Match 2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 55 CAGAGGAGTCTCTGCAC 71
Db 2 CAGAGAACTCTCTGTAC 18

RESULT 331
US-09-422-978-4194/c
; Sequence 4194, Application US/09422978
; Patent No. 8537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732

```
; Sequence 14, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Preder, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; TITLE OF INVENTION: Alternating Oligonucleotides
; FILE REFERENCE: ISIS3350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
US-09-248-386-14

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
Db 1 CCACACCGACGGCGCC 16

RESULT 569
US-08-650-093C-118/c
; Sequence 118, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 118:

; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Zinc Finger Peptide Cleavage of Nucleic Acids
; FILE REFERENCE: ISIS4182
; CURRENT APPLICATION NUMBER: US/09/412,499A
; CURRENT FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/103,309
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6365379el Sequence
US-09-412-499A-4

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
Db 1 CCACACCGACGGCGCC 16

RESULT 569
US-09-412-499A-4/c
; Sequence 4, Application US/09412499A
; Patent No. 6365379
; GENERAL INFORMATION:
; APPLICANT: Lima, Walt P.
; APPLICANT: Crooke, Stanley T.
```

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0213
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-494-14

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CCGGACGCGGCC 395
Db 1 CCACCGCGCGCC 16

RESULT 566
US-09-406-854-4
Sequence 4, Application US/09406854
Patent No. 6140042
GENERAL INFORMATION:
APPLICANT: MATSUMOTO, Kunihiko
APPLICANT: NISHIDA, Eisuke
TITLE OF INVENTION: TAB1 PROTEIN AND DNA CODING THEREFOR
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/406,854
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/752,891
FILING DATE: 20-NOV-1996
APPLICATION NUMBER: JP 8-300856
FILING DATE: 28-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 8-126282
FILING DATE: 24-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 17981/111
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-406-854-4

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 252 GCGTCGCGCCGCGTGC 267
Db 1 GGGTCGACTACGGTGC 16

RESULT 567
US-08-988-321B-35/c
Sequence 35, Application US/08988321B
Patent No. 6174868
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,321B
FILING DATE: December 10, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/650,093
FILING DATE: May 17, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0245
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-988-321B-35

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 261 ACGGTGCACCTGGAGC 276
Db 16 ACCGTGCACCATGAGC 1

RESULT 568
US-09-248-386-14

```

; APPLICANT: MATSUMOTO, Kunihiro
; APPLICANT: NISHIDA, Eisuke
; TITLE OF INVENTION: TAB1 PROTEIN AND DNA CODING THEREFOR
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/144,178
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/752,891
; FILING DATE: 20-NOV-1996
; APPLICATION NUMBER: JP 8-300856
; FILING DATE: 28-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-126282
; FILING DATE: 24-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 17981/111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TEXT: 904136
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-144-178-4

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Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 252 GCGTCGGCCACGGTGC 267
Db 1 GGGTCGACTACGGTGC 16

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RESULT 564
US-08-961-469A-14
; Sequence 14, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Templin, Randy Howard, Rahul Mehta
; TITLE OF INVENTION: LIPOSOMAL OLIGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95

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; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A
; FILING DATE: October 31, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-961-469A-14
; Query Match 2.6%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 4.3e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; QY 380 CCGCGACGACGGCGCC 395
; Db 1 CCACACCGACGGCGCC 16
; RESULT 565
; US-09-128-494-14
; Sequence 14, Application US/09128494
; Patent No. 6117848
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,494
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/889,296
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993

```

QY 252 GGCTGGCCACGGTGC 267
 |||||
 Db 1 GGGTCGACTACGGTGC 16

RESULT 561

US-08-889-296A-14
 ; Sequence 14, Application US/08889296A
 ; Patent No. 5872242
 ; GENERAL INFORMATION:
 ; APPLICANT: Monia, B.P., Consert, L.M. and Manoharan, M.
 ; TITLE OF INVENTION: Antisense Oligonucleotide
 ; TITLE OF INVENTION: Inhibition of ras
 ; NUMBER OF SEQUENCES: 55
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jane Massey Licata
 ; STREET: 210 Lake Drive East, Suite 201
 ; CITY: Cherry Hill
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 08002
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: PC-DOS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/889,296A
 ; FILING DATE: herewith
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/411,734
 ; FILING DATE: April 3, 1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US93/09346
 ; FILING DATE: October 1, 1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 958,134
 ; FILING DATE: October 5, 1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/007,996
 ; FILING DATE: January 21, 1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Jane Massey Licata
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0213
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (609) 779-2400
 ; TELEFAX: (609) 779-8488
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-08-889-296A-14

Query Match 2.6%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 4.3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
 |||||
 Db 1 CCACACCGACGGCGCC 16

RESULT 562

US-08-848-840A-14
 ; Sequence 14, Application US/08848840A
 ; Patent No. 5965722
 ; GENERAL INFORMATION:

; APPLICANT: Monia, et al.
 ; TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
 ; NUMBER OF SEQUENCES: 33
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722ris LLP
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: U.S.A.
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WordPerfect 6.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/848,840A
 ; FILING DATE: 30-APR-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/317,289
 ; FILING DATE: 03-OCT-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/794,493
 ; FILING DATE: 04-FEB-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/335,046
 ; FILING DATE: 07-NOV-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/488,256
 ; FILING DATE: 07-JUN-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/465,866
 ; FILING DATE: 06-JUN-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/468,037
 ; FILING DATE: 06-JUN-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/411,734
 ; FILING DATE: 03-APR-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/227,180
 ; FILING DATE: 13-APR-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Joseph Lucci
 ; REGISTRATION NUMBER: 33,307
 ; REFERENCE/DOCKET NUMBER: ISIS-2458
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 215-568-3100
 ; TELEFAX: 215-568-3439
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-848-840A-14

Query Match 2.6%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 4.3e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
 |||||
 Db 1 CCACACCGACGGCGCC 16

RESULT 563

US-09-144-178-4
 ; Sequence 4, Application US/09144178
 ; Patent No. 5989862
 ; GENERAL INFORMATION:

RESULT 559
US-08-748-591-19/c
; Sequence 19, Application US/08748591
; Patent No. 5753811
; GENERAL INFORMATION:
; APPLICANT: Epstein, Ervin
; APPLICANT: Hu, Zhilan
; APPLICANT: Bonifas, Jeanette
; TITLE OF INVENTION: Mutant Human Hedgehog Gene
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish and Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/748,591
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J

```

; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: 06510/067001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 322-5070
; TELEFAX: (415) 854-0875
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-748-591-19

Query Match          2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 318 CGCGTGCTGCGCGCG 333
   ||||| |||||
Db 16 CGAGTGC GCGCGCG 1

RESULT 560
US-08-752-891-4
; Sequence 4, Application US/08752891
; Patent No. 5837819
; GENERAL INFORMATION:
; APPLICANT: MATSUMOTO, Kunihiro
; APPLICANT: NISHIDA, Eisuke
; TITLE OF INVENTION: TAB1 PROTEIN AND DNA CODING THEREFOR
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/752,891
; FILING DATE: 20-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-300856
; FILING DATE: 28-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 8-126282
; FILING DATE: 24-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 17981/111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-752-891-4

Query Match          2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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US-08-297-248-14
Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 557
US-08-293-086-16
; Sequence 16, Application US/08293086
; Patent No. 5582986
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE INHIBITION
; OF THE ras GENE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESS: Mackiewicz & No. 5582986ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/293,086
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; APPLICATION NUMBER: 715,196
; FILING DATE: June 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0715
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; ANTI-SENSE: YES
US-08-293-086-16

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 558
US-08-748-591-13/c
; Sequence 13, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Eostein, Ervin

```

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US-08-297-248-14
Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 557
US-08-293-086-16
; Sequence 16, Application US/08293086
; Patent No. 5582986
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE INHIBITION
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/293,086
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; APPLICATION NUMBER: 715,196
; FILING DATE: June 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0715
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; ANTI-SENSE: YES
US-08-293-086-16

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 558
US-08-748-591-13/c
; Sequence 13, Application US/08748591
; Patent No. 5759811
; GENERAL INFORMATION:
; APPLICANT: Eostein, Ervin

```

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/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
PCT-US96-07795-19
Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGGTGACCGAGG 31
Db 5 GGGCGACCGAGG 17

RESULT 553
PCT-US96-07796-19
/ Sequence 19, Application PC/TUS9607796
/ GENERAL INFORMATION:
/ APPLICANT: MERCK & CO., INC.
/ APPLICANT: Register, Robert B.
/ APPLICANT: Shafer, Jules A.
/ TITLE OF INVENTION: HERPES SIMPLEX TYPE 1 PROTEASE MUTANTS
/ TITLE OF INVENTION: AND VECTORS
/ NUMBER OF SEQUENCES: 40
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Ms. Joanne M. Giesser
/ STREET: 126 East Lincoln Avenue, P.O. Box 2000-0907
/ CITY: Rahway
/ STATE: New Jersey
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US96/07796
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Giesser, Joanne M.
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19457
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (908) 594-3046
/ TELEFAX: (908) 594-4720
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
PCT-US96-07796-19
Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGGTGACCGAGG 31
Db 5 GGGCGACCGAGG 17

RESULT 554
US-08-696-566-13/c
/ Sequence 13, Application US/08696566
/ Patent No. 5851984
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Matthews, William
/ APPLICANT: Austin, Timothy W.
/ TITLE OF INVENTION: USES FOR WNT POLYPEPTIDES
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 460 Point San Bruno Blvd
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Winpatin (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/696,566
/ FILING DATE: 16-Aug-1996
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marschang, Diane L.
/ REGISTRATION NUMBER: 35,600
/ REFERENCE/DOCKET NUMBER: P1034
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415/225-5416
/ TELEFAX: 415/952-9881
/ TELEX: 910/371-7168
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ US-08-696-566-13
Query Match 2.6%; Score 11.2; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 3.9e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 107 CCGCGACCGCAGCA 120
Db 14 CCGCGCCRCARCA 1

RESULT 555
US-08-911-860-13/c
/ Sequence 13, Application US/08911860
/ Patent No. 6159462
/ GENERAL INFORMATION:
/ APPLICANT: Matthews, William
/ APPLICANT: Austin, Timothy W.
/ TITLE OF INVENTION: USES FOR WNT POLYPEPTIDES
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 1 DNA Way
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Winpatin (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/911,860
/ FILING DATE: 15-Aug-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/696566
/ FILING DATE: 16-Aug-1996
```



```
RESULT 550
US-09-866-108A-8141
; Sequence 8141, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8141
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8141

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 TGCACCTGGAGCA 277
Db      5 TGCAGCTGGAGCA 17
      |||||
RESULT 551
US-09-866-108A-8142
; Sequence 8142, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```

```

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8142

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      265 TGCACCTGGAGCA 277
Db      4 TGCAGCTGGAGCA 16
      |||||
RESULT 552
PCT-US96-07795-19
; Sequence 19, Application PC/TUS9607795
; GENERAL INFORMATION:
; APPLICANT: MERCK & CO., INC.
; APPLICANT: Registrar, Robert B.
; APPLICANT: Shafer, Jules A.
; TITLE OF INVENTION: HERPES SIMPLEX TYPE 1 PROTEASE MUTANTS
; TITLE OF INVENTION: AND VECTORS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ms. Joanne M. Gieser
; STREET: 126 East Lincoln Avenue, P.O. Box 2000-0907
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/07795
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gieser, Joanne M.
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19457
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3046
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
```


; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 2584
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-2584

Query Match 2.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 4.4e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 269 CCTGGAGCAGGC 281
 |||||
 Db 13 CCTGGAGCTGGC 1

RESULT 545
 US-09-866-108A-8001
 ; Sequence 8001, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8001
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8001

Query Match 2.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 4.4e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 266 GCACCTGGAGCAG 278
 |||||
 Db 5 GCAGCTGGAGCAG 17

RESULT 546
 US-09-866-108A-8001
 ; Sequence 8001, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8001
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8001

Query Match 2.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 4.4e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 266 GCACCTGGAGCAG 278
 |||||
 Db 5 GCAGCTGGAGCAG 17

RESULT 546

US-09-866-108A-8002
 ; Sequence 8002, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8002
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8002

Query Match 2.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 4.4e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 266 GCACCTGGAGCAG 278
 |||||
 Db 4 GCAGCTGGAGCAG 16

RESULT 547
 US-09-866-108A-8003
 ; Sequence 8003, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6

```

; Sequence 2582, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecmica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 2582
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2582

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Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 269 CCTGGAGCAGGGC 281
Db 15 CCTGGAGCTGGGC 3

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RESULT 543
US-09-866-108A-2583/c
; Sequence 2583, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

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; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2583
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2583

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Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 269 CCTGGAGCAGGGC 281
Db 14 CCTGGAGCTGGGC 2

```

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RESULT 544
US-09-866-108A-2584/c
; Sequence 2584, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2009
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2009

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 306 AGCCCCGGGGACC 318
DB 1 AGCCCCGGGGGCC 13

RESULT 540
US-09-866-108A-2580/c
Sequence 2580, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine

Patent No. 6686188
SEQ ID NO 2580
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2580

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTGGAGCAGGCC 281
DB 17 CCTGGAGCTGGGC 5

RESULT 541
US-09-866-108A-2581/c
Sequence 2581, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2581
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2581

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTGGAGCAGGCC 281
DB 16 CCTGGAGCTGGGC 4

RESULT 542
US-09-866-108A-2582/c

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; SEQ ID NO 2006
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2006
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Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy      306 AGCCCCGGGGACC 318
      |||||
Db      4 AGCCCCGGGGGCC 16
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RESULT 537

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US-09-866-108A-2007
; Sequence 2007, Application US/09866108A
```

```
; Patent No. 6686188
```

```
; GENERAL INFORMATION:
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```
; APPLICANT: GU, Yizhong
```

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; APPLICANT: JI, Yonggang
```

```
; APPLICANT: PENN, Sharron G.
```

```
; APPLICANT: HANZEL, David K.
```

```
; APPLICANT: RANK, David R.
```

```
; APPLICANT: CHEN, Wensheng
```

```
; APPLICANT: SHANNON, Mark
```

```
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

```
; FILE REFERENCE: AEMICA-7
```

```
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

```
; CURRENT FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```
; PRIOR FILING DATE: 2000-10-04
```

```
; PRIOR APPLICATION NUMBER: US 60/236,359
```

```
; PRIOR FILING DATE: 2000-09-27
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

```
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00667
```

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; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
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```
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
```

```
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00665
```

```
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
```

```
; PRIOR FILING DATE: 2001-01-30
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```
; PRIOR APPLICATION NUMBER: PCT/US01/00663
```

```
; PRIOR FILING DATE: 2001-01-30
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; Remaining Prior Application data removed - See File Wrapper or PALM.
```

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; NUMBER OF SEQ ID NOS: 15755
```

```
; SOFTWARE: Aemica Sequence Listing Engine
```

```
; Patent No. 6686188
```

```
; SEQ ID NO 2007
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; LENGTH: 17
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
US-09-866-108A-2007
```

```
Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      306 AGCCCCGGGGACC 318
      |||||
Db      3 AGCCCCGGGGGCC 15
```

RESULT 538

```
US-09-866-108A-2008
```

```
; Sequence 2008, Application US/09866108A
```

```
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2008
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2008
```

```
Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy      306 AGCCCCGGGGACC 318
      |||||
Db      2 AGCCCCGGGGGCC 14
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RESULT 539

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US-09-866-108A-2009
```

```
; Sequence 2009, Application US/09866108A
```

```
; Patent No. 6686188
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; GENERAL INFORMATION:
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```
; APPLICANT: GU, Yizhong
```

```
; APPLICANT: JI, Yonggang
```

```
; APPLICANT: PENN, Sharron G.
```

```
; APPLICANT: HANZEL, David K.
```

```
; APPLICANT: RANK, David R.
```

```
; APPLICANT: CHEN, Wensheng
```

```
; APPLICANT: SHANNON, Mark
```

```
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

```
; FILE REFERENCE: AEMICA-7
```

```
; CURRENT APPLICATION NUMBER: US/09/866,108A
```

```
; CURRENT FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
```

```
; PRIOR FILING DATE: 2000-05-26
```

```
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```
; PRIOR FILING DATE: 2000-10-04
```

```
; PRIOR APPLICATION NUMBER: US 60/236,359
```

```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1667
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1667

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 60 GAGTCTCTGCTCT 72
Db 13 GAGTCTCTGCTCT 1

RESULT 535
US-09-866-108A-2005
; Sequence 2005, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1667
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1667
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```
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2005
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2005

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 306 AGCCCCGGGGACC 318
Db 5 AGCCCCGGGGGCC 17

RESULT 536
US-09-866-108A-2006
; Sequence 2006, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1664
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1664

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      60 GAGTCTCTGCACT 72
Db      16 GAGTCTCTGCTCT 4

RESULT 532
US-09-866-108A-1665/c
; Sequence 1665, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1665
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1665

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      60 GAGTCTCTGCACT 72
Db      15 GAGTCTCTGCTCT 3

RESULT 533
US-09-866-108A-1666/c
; Sequence 1666, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1666
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1666

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      60 GAGTCTCTGCACT 72
Db      14 GAGTCTCTGCTCT 2

RESULT 534
US-09-866-108A-1667/c
; Sequence 1667, Application US/09866108A
; Patent No. 6686188
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-940

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCCCCGGG 315
|||||
Db 2 CTGAGCCCCAGG 14

RESULT 529

US-09-866-108A-941
; Sequence 941, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 941

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-941

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCCCCGGG 315
|||||
Db 1 CTGAGCCCCAGG 13

RESULT 530

US-09-866-108A-1663/c

; Sequence 1663, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 1663

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-1663

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 60 GAGTCTCTGCTCT 72
|||||
Db 17 GAGTCTCTGCTCT 5

RESULT 531

US-09-866-108A-1664/c

; Sequence 1664, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 938
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-938

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCCCCGGG 315
Db 4 CTGAGCCCCAGG 16

RESULT 527
US-09-866-108A-939
; Sequence 939, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 938
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-938

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCCCCGGG 315
Db 4 CTGAGCCCCAGG 16

RESULT 528
US-09-866-108A-940
; Sequence 940, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 940
; LENGTH: 17

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```
Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 TGAAGGACCTGAG 307
    |||||
Db 15 TGAAGGAGCTGAG 3

RESULT 523
US-09-371-772B-5464/c
; Sequence 5464, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5464
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5464

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 TGAAGGACCTGAG 307
    |||||
Db 13 TGAAGGAGCTGAG 1

RESULT 524
US-09-904-420A-2/c
; Sequence 2, Application US/09904420A
; Patent No. 6656691
; GENERAL INFORMATION:
; APPLICANT: Begovich, Ann B
; APPLICANT: Erlich, Henry A
; APPLICANT: Grupe, Andrew
; APPLICANT: No. 6656691le, Janelle A
; APPLICANT: Peltz, Gary A
; APPLICANT: Reynolds, Rebecca L
; APPLICANT: Walker, Karen M
; APPLICANT: Zangenberg, Gabriele
; TITLE OF INVENTION: TCF-1 Nucleotide Sequence Variation
; FILE REFERENCE: RPA1003
; CURRENT APPLICATION NUMBER: US/09/904,420A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: US 60/219,812
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-904-420A-2

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 293 GGTGAAGGACCTG 305
    |||||
Db 14 GGGGAAGGACCTG 2

RESULT 525
US-09-866-108A-937
; Sequence 937, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006657
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006654
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006655
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006658
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006653
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 937
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-937

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCCCCGCGG 315
    |||||
Db 5 CTGAGCCCCGCGG 17

RESULT 526
US-09-866-108A-938
; Sequence 938, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```
; ORGANISM: Mus sp.
US-09-371-772B-3532

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 GCTCGGTGAAGC 211
DB 17 GTTCGGTGAAGC 5

RESULT 519
US-09-371-772B-3533/c
; Sequence 3533, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3533
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3533

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 GCTCGGTGAAGC 211
DB 16 GTTCGGTGAAGC 4

RESULT 520
US-09-371-772B-3544
; Sequence 3544, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3544
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3544

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 GCTCGGTGAAGC 211
DB 16 GTTCGGTGAAGC 4

RESULT 521
US-09-371-772B-3545
; Sequence 3545, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3545

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 4.4e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 262 CGGTGCACCTGGA 274
DB 5 CGGUUACCUUGGA 17

RESULT 522
US-09-371-772B-5463/c
; Sequence 5463, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5463
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5463
```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7761:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7761

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 4.4e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 262 CGGTGCACCTGGA 274
Db 4 CGGUUCCACCUGA 16

RESULT 516
US-08-406-824A-18
Sequence 18, Application US/08406824A
Patent No. 6541610
GENERAL INFORMATION:
APPLICANT: SMITH, Craig A.
TITLE OF INVENTION: TUMOR NECROSIS FACTOR-ALPHA AND BETA-RECEPTORS
FILE REFERENCE: A-71592
CURRENT APPLICATION NUMBER: US/08/406,824A
CURRENT FILING DATE: 1995-03-20
PRIOR APPLICATION NUMBER: US 08/255,849
PRIOR FILING DATE: 1994-06-08
PRIOR APPLICATION NUMBER: US 07/860,710
PRIOR FILING DATE: 1992-03-30
PRIOR APPLICATION NUMBER: US 07/523,635
PRIOR FILING DATE: 1990-05-10
PRIOR APPLICATION NUMBER: US 07/421,417
PRIOR FILING DATE: 1989-10-13
PRIOR APPLICATION NUMBER: US 07/405,370
PRIOR FILING DATE: 1989-09-11
PRIOR APPLICATION NUMBER: US 07/403,241
PRIOR FILING DATE: 1989-09-05
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Miscellaneous Structure
US-08-406-824A-18

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 296 GAAGGACCTGAGC 308
Db 4 GAGGACCTGAGC 16

RESULT 517
US-09-371-772B-1123/c
Sequence 1123, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1123
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1123

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 295 TGAAGGACCTGAG 307
Db 14 TGAAGGACCTGAG 2

RESULT 518
US-09-371-772B-3532/c
Sequence 3532, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3532
LENGTH: 17
TYPE: RNA

Best Local Similarity 92.3%; Pred. No. 4.4e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 1;

Qy 199 GTCGGTGAAGC 211
Db 17 GTTCGGTGAAGC 5

RESULT 513
US-08-584-040-7749/c
; Sequence 7749, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7749:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7749
Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 199 GTCGGTGAAGC 211
Db 16 GTTCGGTGAAGC 4

RESULT 514
US-08-584-040-7760
; Sequence 7760, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7749:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7749
Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 199 GTCGGTGAAGC 211
Db 16 GTTCGGTGAAGC 4

RESULT 515
US-08-584-040-7761
; Sequence 7761, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7760:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-7761
Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 4.4e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 262 CGGTGCACCTGGA 274

Db 5 CGGTGCACCTGGA 17

RESULT 515
US-08-584-040-7761
; Sequence 7761, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7760:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1881:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1881

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      332 GGAGCAGCAGGCC 344
DB      13 GGAGCAGCAGGCC 1

RESULT 511
US-08-584-040-2599/c
; Sequence 2599, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7748

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      295 TGAAGGACCTGAG 307
DB      14 TGAAGGACCTGAG 2

RESULT 512
US-08-584-040-7748/c
; Sequence 7748, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7748

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1881:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1881

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      295 TGAAGGACCTGAG 307
DB      14 TGAAGGACCTGAG 2

RESULT 512
US-08-584-040-7748/c
; Sequence 7748, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7748

Query Match          2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db      1  CTGGTGTGGAGG 13

RESULT 507
US-08-998-099-115
; Sequence 115, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 115
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-115

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.3%; Pred. No. 4.4e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      59  GGAGTCTCTGCAC 71
Db      2  GGAGCCUCUGCAC 14

RESULT 508
US-08-998-099-133/c
; Sequence 133, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 133
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-133

Query Match      2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      289 AGCTGGTGAAGGA 301
Db      16  AGCTGGGGAAGGA 4

RESULT 510
US-09-071-845-1881/c
; Sequence 1881, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 533 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
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; APPLICATION NUMBER: US/08/747,121
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Baldwin, Geraldine F
; REGISTRATION NUMBER: 31,232
; REFERENCE/DOCKET NUMBER: 8511-008
; TELEPHONE: (212)7909090
; TELEFAX: (212)8698864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1
; OTHER INFORMATION: Where N is any nucleotide
; US-08-744-905A-5
;
; Query Match 2.7%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred. No. 4.4e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 180 TCCAAGGCACATA 192
; DB 5 TCTAAGGCACATA 17
;
; RESULT 505
; US-08-744-905A-5
; Sequence 5, Application US/08744905A
; Patent No. 5990294
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
; TITLE OF INVENTION: AND METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,905A
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Baldwin, Geraldine F
; REGISTRATION NUMBER: 31,232
; REFERENCE/DOCKET NUMBER: 8511-009
; TELEPHONE: (212)7909090
; TELEFAX: (212)8698864
;
; APPLICATION NUMBER: US/08/747,121
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Baldwin, Geraldine F
; REGISTRATION NUMBER: 31,232
; REFERENCE/DOCKET NUMBER: 8511-008
; TELEPHONE: (212)7909090
; TELEFAX: (212)8698864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1
; OTHER INFORMATION: Where N is any nucleotide
; US-08-744-905A-5
;
; Query Match 2.7%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred. No. 4.4e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 180 TCCAAGGCACATA 192
; DB 5 TCTAAGGCACATA 17
;
; RESULT 506
; US-09-059-369-12
; Sequence 12, Application US/09059369
; Patent No. 6040156
; GENERAL INFORMATION:
; APPLICANT: KAWASAKI, TOSHISUKE
; APPLICANT: OKA, SHOGO
; TITLE OF INVENTION: DNA ENCODING GLUCURONYLTRANSFERASE
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/059,369
; FILING DATE: 14-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 9-127065
; FILING DATE: 16-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 9378-0002-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
; US-09-059-369-12
;
; Query Match 2.7%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred. No. 4.4e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 141 CTGCGGTGGAGG 153
```

STREET	Suite	City	State	Country	ZIP	Computer Readable Form	Medium Type	Medium	Computer	Operating System	Software	Application Number	Filing Date	Classification	Prior Application Data	Prior Application Number	Filing Date	Classification	Attorney/Agent Information	Name	Registration Number	Reference/Docket Number	Telecommunication Information	Telephone	Telex	Information for Seq ID No	Sequence Characteristics	Length	Type	Strandedness	Topology	US-08-292-620A-1881	Query Match	Best Local Similarity	Mismatches	Conservative	Indels	Gaps	Length
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West Fifth Street	4700	Los Angeles	California	U.S.A.	90071-2066	3.5" Diskette, 1.44 Mb	storage	IBM P.C. DOS 5.0	IBM Compatible	Word Perfect 5.1	FastSeq Version 1.5	US/08/758,306	December 3, 1996	514					Wardburg, Richard J.	32,327	212/132	(213) 489-1600	(213) 955-0440	67-3510	1231:	17 base pairs	nucleic acid	single	linear	US-08-758-306-1231	2.7%	61.5%	4	0	1	0	17		
633 West																																							

```

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 11520.0053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; ORGANISM: Branhamella catarrhalis
; STRAIN: 25240
; FEATURE:
; LOCATION: CD gene region, 1048-1064
; IDENTIFICATION METHOD: by experiment
; OTHER INFORMATION: hybridizes to Branhamella catarrhalis gene region
;
; US-08-306-871-18
;
; Query Match 2.7%; Score 11.4; DB 1; Length 17;
; Best Local Similarity 92.3%; Pred.No.4.4e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 398 GAGGTCCTCTAC 410
; Db 13 GAGCTCTTCTAC 1
;
;
;
; RESULT 500
; US-08-569-959-18/c.
; Sequence 18, Application US/08569959
; Patent No. 5725862
; GENERAL INFORMATION:
; APPLICANT: Timothy F. Murphy
; TITLE OF INVENTION: Vaccine For Branhamella catarrhalis
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows 3.1
; SOFTWARE: Wordperfect for Windows 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,959
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/129,719
; FILING DATE: September 29, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 11520.0053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; ORGANISM: Branhamella catarrhalis
; ORIGINAL SOURCE:

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COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/954,210
FILING DATE: 20-OCT-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 480124.403C1
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-954-210-23

Query Match 2.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 310 CCGGGGACCGGT 322
Db 13 CCGGGGACCGCAT 1

RESULT 497

US-09-431-419A-23/c
Sequence 23, Application US/09431419A
Patent No. 6458567
GENERAL INFORMATION:
APPLICANT: Barber, Jack R.
APPLICANT: Welch, Peter J.
APPLICANT: Tritz, Richard
APPLICANT: Yei, Soomin
APPLICANT: Yu, Mang
TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
FILE REFERENCE: 480124.403C3
CURRENT APPLICATION NUMBER: US/09/431,419A
CURRENT FILING DATE: 1999-11-01
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 23
LENGTH: 16
TYPE: DNA
ORGANISM: Hepatitis C Virus
US-09-431-419A-23

Query Match 2.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 310 CCGGGGACCGGT 322
Db 13 CCGGGGACCGCAT 1

RESULT 498

US-08-129-719-18/c
Sequence 18, Application US/08129719
Patent No. 5556755
GENERAL INFORMATION:
APPLICANT: Timothy F. Murphy
TITLE OF INVENTION: Vaccine For Branhamella catarrhalis

NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
STREET: 1800 One M&T Plaza
CITY: Buffalo
STATE: New York
COUNTRY: United States
ZIP: 14203-2391
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 720 Kb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS/ Microsoft Windows 3.1
SOFTWARE: Wordperfect for Windows 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/129,719
FILING DATE: September 29, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, M. Bud
REGISTRATION NUMBER: 35,300
REFERENCE/DOCKET NUMBER: 11520.0050
TELEPHONE: (716) 856-4000
TELEFAX: (716) 849-0349
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
ORIGINAL SOURCE:
ORGANISM: Branhamella catarrhalis
STRAIN: 25240
FEATURE:
LOCATION: CD gene region, 1048-1064
IDENTIFICATION METHOD: by experiment
OTHER INFORMATION: hybridizes to Branhamella catarrhalis gene region
US-08-129-719-18

Query Match 2.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 GAAGGCTCTTCTAC 410
Db 13 GAAGGCTCTTCTAC 1

RESULT 499

US-08-306-871-18/c
Sequence 18, Application US/08306871
Patent No. 5712118
GENERAL INFORMATION:
APPLICANT: Timothy F. Murphy
TITLE OF INVENTION: Vaccine For Branhamella catarrhalis
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
STREET: 1800 One M&T Plaza
CITY: Buffalo
STATE: New York
COUNTRY: United States
ZIP: 14203-2391
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS/ Microsoft Windows 3.1
SOFTWARE: Wordperfect for Windows 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/306,871
FILING DATE: 20-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/129,719
FILING DATE: September 29, 1993

US-10-112-547-25

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 331 CGGACGACCGGG 343
Db 15 CGGACGACCGGG 3

RESULT 494

US-10-112-241-25/c

; Sequence 25, Application US/10112241

; Patent No. 6823961

; GENERAL INFORMATION:

; APPLICANT: Miles, Vincent J.

; Mathews, Michael B.

; Katze, Michael G.

; Witherell, Gary

; Watson, Julia C.

; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION

; OF VIRAL REPLICATION

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036/2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/112,241

; FILING DATE: 28-Mar-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,816B

; FILING DATE: 01-APR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7960-030

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 25:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 25:

US-10-112-241-25

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 331 CGGACGACCGGG 343
Db 15 CGGACGACCGGG 3

RESULT 495

US-10-104-611-25/c

; Sequence 25, Application US/10104611

; Patent No. 6667152

; GENERAL INFORMATION:

; APPLICANT: Miles, Vincent J.

; Mathews, Michael B.

; Katze, Michael G.

; Witherell, Gary

; Watson, Julia C.

; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION

; OF VIRAL REPLICATION

; NUMBER OF SEQUENCES: 33

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036/2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/104,611

; FILING DATE: 22-Mar-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/221,816B

; FILING DATE: 01-APR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7960-030

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 25:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 25:

US-10-104-611-25

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 331 CGGACGACCGGG 343
Db 15 CGGACGACCGGG 3

RESULT 496

US-08-954-210-23/c

; Sequence 23, Application US/08954210

; Patent No. 6043077

; GENERAL INFORMATION:

; APPLICANT: Barber, Jack R.

; APPLICANT: Welch, Peter J.

; APPLICANT: Tritz, Richard

; APPLICANT: Yei, Soompin

; APPLICANT: Yu, Mang

; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES

; NUMBER OF SEQUENCES: 73

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: SEED and BERRY LLP

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

```
US-09-081-646-361
; Sequence 361, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 361
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-361

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 128 CATGCTGCGCCGC 140
Db 1 CATGCTGCGCCCTC 13

RESULT 491
US-09-081-646-421
; Sequence 421, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 421
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-421

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 88 TGGATCATCACCAC 100
Db 3 TGGTATCATCACCAC 15

RESULT 492
US-09-081-646-570/c
; Sequence 570, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 570
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-570

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 273 GAGCAGGGCGGCA 285
Db 15 GAGCAGGGCGGTCA 3

RESULT 493
US-10-112-547-25/c
; Sequence 25, Application US/10112547
; Patent No. 6579674
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/112,547
; FILING DATE: 28-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
```

```

; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-356-3

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      319 GCGTGTGGCGGC 331
Db      14 GTGTGTGGCGGC 2

RESULT 488
US-08-774-306A-326/c
; Sequence 326, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: US/08/774,306A
; PRIOR APPLICATION DATA:
; FILING DATE: April 21, 1998
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 326:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-326

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      331 CCGAGCACCAGGG 343
Db      13 CCGAGCACCAGGG 1

RESULT 490
```

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; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-326

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      331 CCGAGCACCAGGG 343
Db      13 CCGAGCACCAGGG 1

RESULT 489
US-09-064-156A-326/c
; Sequence 326, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: April 21, 1998
; APPLICATION NUMBER: US/09/064,156A
; PRIOR APPLICATION DATA:
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/774,306
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 326:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-326

Query Match      2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      331 CCGAGCACCAGGG 343
Db      13 CCGAGCACCAGGG 1

RESULT 490
```

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 381 CGGACGCGCGG 393
|||||
DB 3 CGGACGCGCGG 15

RESULT 485
US-08-221-816B-25/c
; Sequence 25, Application US/08221816B
; Patent No. 5738985
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Withersell, Gary
; APPLICANT: Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-221-816B-25

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 331 CGGACGCGCGG 343
|||||
DB 15 CGGACGCGCGG 3

RESULT 486
US-08-501-626-3/c
; Sequence 3, Application US/08501626
; Patent No. 5801156
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of

; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,626
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031DV4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-626-3

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GCGTGCTGGCGG 331
|||||
DB 14 GTGTGCTGGCGG 2

RESULT 487
US-08-501-356-3/c
; Sequence 3, Application US/08501356
; Patent No. 5814620
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,356

REFERENCE/DOCKET NUMBER: HYZ-031
TELECOMMUNICATION INFORMATION:
STREET: 617-330-1300
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-378-860-3

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GGCTGCTGGCGGC 331
DB 14 GTGTCTGGCGGC 2

RESULT 484
US-08-217-082A-14
Sequence 14, Application US/08217082A
Patent No. 5734033
GENERAL INFORMATION:
APPLICANT: Reed, John
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR INHIBITING THE
TITLE OF INVENTION: GROWTH OF CELLS EXPRESSING THE HUMAN BCL-2 GENE
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
STREET: 224 Airport Parkway
CITY: San Jose
STATE: California
COUNTRY: U.S.A.
ZIP: 95110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/217,082A
FILING DATE: 24-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/840,716
FILING DATE: 21-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/288,692
FILING DATE: 22-DEC-1988
ATTORNEY/AGENT INFORMATION:
NAME: Fortney, Andrew D.
REGISTRATION NUMBER: 34,600
REFERENCE/DOCKET NUMBER: 3335-067-55 FWC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 436-2070
TELEFAX: (408) 436-2075
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: Synthetic DNA
ANTI-SENSE: YES
US-08-217-082A-14

ADDRESSER: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/501,713
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
REFERENCE/DOCKET NUMBER: HYZ-031DV2
TELECOMMUNICATION INFORMATION:
STREET: 617-330-1300
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,860
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
US-08-501-713-3

Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GGCTGCTGGCGGC 331
DB 14 GTGTCTGGCGGC 2

RESULT 483
US-08-378-860-3/c
Sequence 3, Application US/08378860
Patent No. 5731294
GENERAL INFORMATION:
APPLICANT: Robison, Gregory S.
APPLICANT: Smith, Lois E.H.
TITLE OF INVENTION: Inhibition of
TITLE OF INVENTION: Neovascularization Using
TITLE OF INVENTION: VEGF-Specific
TITLE OF INVENTION: Oligonucleotides
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lappin & Kusner
STREET: 200 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,860
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kerner, Ann-Louise
REGISTRATION NUMBER: 33,523
US-08-378-860-3

```

; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEetical: NO
; ANTI-SENSE: YES
; US-08-502-185-3
Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGC 331
Db 14 GTGTGTGGCGGC 2

RESULT 480
US-08-398-945-3/C
; Sequence 3, Application US/08398945
; Patent No. 5639872
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV1
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,945
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEtical: NO
; ANTI-SENSE: YES
; US-08-398-945-3
Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGC 331
Db 14 GTGTGTGGCGGC 2

RESULT 481
US-08-501-779-3/C
; Sequence 3, Application US/08501779
; Patent No. 5661135
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusmer
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,779
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HYZ-031CPDV2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEtical: NO
; ANTI-SENSE: YES
; US-08-501-779-3
Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGC 331
Db 14 GTGTGTGGCGGC 2

RESULT 482
US-08-501-713-3/C
; Sequence 3, Application US/08501713
; Patent No. 5710136
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; APPLICANT: Smith, Lois E.H.
; TITLE OF INVENTION: Inhibition of
; TITLE OF INVENTION: Neovascularization Using
; TITLE OF INVENTION: VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; US-08-501-713-3
Query Match 2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 319 GCGTGTGGCGGC 331
Db 14 GTGTGTGGCGGC 2
```

```
; Sequence 41, Application US/09593589
; Patent No. 6306655
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
; FILE REFERENCE: RTS-0119
; CURRENT APPLICATION NUMBER: US/09/593.589
; CURRENT FILING DATE: 2000-06-13
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-41

Query Match          2.7%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 5.2e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      266 GCACCTGGAGCAGGCGG 283
Db      18 GCAGCTGGCGTGGCGG 1

RESULT 477
US-09-874-601-65/c
; Sequence 65, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 65
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1..1)
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-65

Query Match          2.7%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      206 GAAAGCAGAGAC 218
Db      14 GAAAGCAGAGAC 2

RESULT 478
US-08-182-968A-326/c
; Sequence 326, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
```

```
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 326:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-182-968A-326

Query Match          2.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      331 CGGACGACCGAGG 343
Db      13 CCGACGACCGAGG 1

RESULT 479
US-08-502-185-3/c
; Sequence 3, Application US/08502185
; Patent No. 5639736
; GENERAL INFORMATION:
; APPLICANT: Robinson, Gregory S.
; TITLE OF INVENTION: Human VEGF-Specific
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusner
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE:
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/502,185
```

```
ATTORNEY/AGENT INFORMATION:
NAME: Noland, Greta E.
REGISTRATION NUMBER: 35302
REFERENCE/DOCKET NUMBER: 31133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 346-5750
TELEFAX: (312) 984-9740
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US92-09487-79

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
Db 3 CCGGCTGCTCTACAG 17

RESULT 473
PCT-US93-07541-21
Sequence 21, Application PC/TUS9307541
GENERAL INFORMATION:
APPLICANT: Calabretta, Bruno
TITLE OF INVENTION: Combination of
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: For treatment of Cancer
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of The
ADDRESSEE: Commonwealth System of Higher
ADDRESSEE: Education; Thomas Jefferson
ADDRESSEE: University
STREET: 406 University Services Building;
STREET: 11th & Walnut Streets
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19122-19107
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/07541
FILING DATE: 19930810
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,490
REFERENCE/DOCKET NUMBER: 6056-166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX: None
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 Nucleotides
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
```

```
PCT-US93-07541-21

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGTCTTCTACGT 412
Db 1 GAAGGTCTTCTACGT 15

RESULT 474
5202236-30
Patent No. 5202236
APPLICANT: MAUGH, KATHY J.; ANDERSON, DAVID M.; STRAUSBERG,
SUSAN L.; MCCANDLISS, RUSS; WEI, TENA; FILPULA, DAVID
TITLE OF INVENTION: METHOD OF PRODUCING BIOADHESIVE
PROTEIN
NUMBER OF SEQUENCES: 39
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/528,762
FILING DATE: 25-MAY-1990
APPLICATION NUMBER: 82,456
FILING DATE: 07-AUG-1987
APPLICATION NUMBER: 933,945
FILING DATE: 24-NOV-1986
APPLICATION NUMBER: 650,128
FILING DATE: 13-SEP-1984
SEQ ID NO: 30
LENGTH: 18
5202236-30

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 216 AAATCGTGCGCGGCC 230
Db 4 AAATCGTGCGCGGCC 18

RESULT 475
5202236-31/c
Patent No. 5202236
APPLICANT: MAUGH, KATHY J.; ANDERSON, DAVID M.; STRAUSBERG,
SUSAN L.; MCCANDLISS, RUSS; WEI, TENA; FILPULA, DAVID
TITLE OF INVENTION: METHOD OF PRODUCING BIOADHESIVE
PROTEIN
NUMBER OF SEQUENCES: 39
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/528,762
FILING DATE: 25-MAY-1990
APPLICATION NUMBER: 82,456
FILING DATE: 07-AUG-1987
APPLICATION NUMBER: 933,945
FILING DATE: 24-NOV-1986
APPLICATION NUMBER: 650,128
FILING DATE: 13-SEP-1984
SEQ ID NO: 31
LENGTH: 18
5202236-31

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 216 AAATCGTGCGCGGCC 230
Db 15 AAATCGTGCGCGGCC 1

RESULT 476
US-09-593-589-41/c
```

```

; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of The Common-
; ADDRESSEE: wealth System of Higher Education
; STREET: 406 University Services Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/05035
; FILING DATE: 19920615
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/869,911
; FILING DATE: April 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CIP) 1
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; PCT-US92-05035-9

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 398 GAAGGCTCTTCTACGT 412
Db 1 GAAGGCTCTTCTGCGT 15

RESULT 471
PCT-US92-05035-14/C
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of The Common-
; ADDRESSEE: wealth System of Higher Education
; STREET: 406 University Services Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2

```

```

; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/05035
; FILING DATE: 19920615
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/869,911
; FILING DATE: April 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CIP) 1
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; PCT-US92-05035-14

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 398 GAAGGCTCTTCTACGT 412
Db 18 GAAGGCTCTTCTGCGT 4

RESULT 472
PCT-US92-09487-79
; Sequence 79, Application PC/TUS9209487
; GENERAL INFORMATION:
; APPLICANT: Bernhard, Susan L.
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Lane, Julie A.
; APPLICANT: Lei, Shau-Ping
; TITLE OF INVENTION: Materials Comprising and Methods of
; TITLE OF INVENTION: Preparation and Use for Ribosome-Inactivating Proteins
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: Two First National Plaza, 20 South Clark
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/09487
; FILING DATE: 19921104
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991

```

ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: Primer
 US-09-007-288E-97

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 305 GAGCCCGGGGACCG 319
 Db 15 GATCCCGGGTACCG 1

RESULT 468

US-09-711-485-77
 ; Sequence 77, Application US/09711485

GENERAL INFORMATION:
 ; APPLICANT: Better, Marc D.
 ; APPLICANT: Carroll, Stephen F.
 ; APPLICANT: Studnika, Gary M.
 ; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
 ; TITLE OF INVENTION: Proteins
 ; NUMBER OF SEQUENCES: 169
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
 ; STREET: 500 West Madison Street, 34th floor
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA
 ; ZIP: 60661

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/711,485
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION NUMBER: 08/839,765

FILING DATE:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/064,691
 ; FILING DATE: 12-MAY-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/988,430
 ; FILING DATE: 09-DEC-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/901,707
 ; FILING DATE: 19-JUN-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/787,567
 ; FILING DATE: 04-NOV-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McNicholas, Janet M.
 ; REGISTRATION NUMBER: 32,918
 ; REFERENCE/DOCKET NUMBER: 110222US09/200-70-P3.C3

TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312/707-9155
 ; TELEFAX: 312/707-9155
 ; TELEX: 650 388-1248
 ; INFORMATION FOR SEQ ID NO: 77:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-09-711-485-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTTACAG 358
 Db 3 CCGGCTGCTTACAG 17

RESULT 469

PCT-US92-05035-8
 ; Sequence 8, Application PC/TUS9205035

GENERAL INFORMATION:
 ; APPLICANT: Calabretta, Bruno
 ; APPLICANT: Gewirtz, Alan M.
 ; TITLE OF INVENTION: Selective Inhibition of
 ; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
 ; TITLE OF INVENTION: Antisense Oligonucleotides
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Temple University - Of The Common-
 ; ADDRESSEE: wealth system of Higher Education
 ; STREET: 406 University Services Building
 ; CITY: Philadelphia
 ; STATE: Pennsylvania
 ; COUNTRY: U.S.A.
 ; ZIP: 19122

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: MS-DOS
 ; SOFTWARE: Wordperfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US92/05035
 ; FILING DATE: 19920615
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/718,302
 ; FILING DATE: June 18, 1991
 ; PRIOR APPLICATION DATA: 07/869,911

FILING DATE: April 14, 1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Monaco, Daniel A.
 ; REGISTRATION NUMBER: 30,480
 ; REFERENCE/DOCKET NUMBER: 6056-120 (CIP) 1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 568-8383
 ; TELEFAX: (215) 568-5549
 ; TELEX: None
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 Nucleotides
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single stranded
 ; TOPOLOGY: linear
 ; PCT-US92-05035-8

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTTCTACGT 412
 Db 1 GCAGGGCTTCTACGT 15

RESULT 470

PCT-US92-05035-9
 ; Sequence 9, Application PC/TUS9205035

GENERAL INFORMATION:
 ; APPLICANT: Calabretta, Bruno
 ; APPLICANT: Gewirtz, Alan M.

```
/ ; STRANDEDNESS: single
/ ; TOPOLOGY: linear
/ ; MOLECULE TYPE: DNA
US-09-610-838-77

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CGGGCTGCTCTACAG 358
   |||||
DB 3 CGGGCTGCTCTACAG 17

RESULT 464
US-09-305-681-7
; Sequence 7, Application US/09305681
; Patent No. 6406899
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Highly active alkaline phosphatase
; NUMBER OF SEQUENCES: 54
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/09/305,681
; FILING DATE:
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single strand
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-09-305-681-7

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 393 GCCAAGAAGTCTTC 407
   |||||
DB 1 GCCAAGAATGTCATC 15

RESULT 465
US-09-305-681-8/c
; Sequence 8, Application US/09305681
; Patent No. 6406899
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Highly active alkaline phosphatase
; NUMBER OF SEQUENCES: 54
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/09/305,681
; FILING DATE:
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single strand
; TOPOLOGY: linear
```

```
/ ; MOLECULE TYPE: other nucleic acid
/ ; DESCRIPTION: /desc = "oligonucleotide"
US-09-305-681-8

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 393 GCCAAGAAGTCTTC 407
   |||||
DB 18 GCCAAGAATGTCATC 4

RESULT 466
US-09-715-834-4/c
; Sequence 4, Application US/09715834
; Patent No. 6455760
; GENERAL INFORMATION:
; APPLICANT: Yunde Zhao
; APPLICANT: Joanne Chory
; APPLICANT: Christian Pankhauser
; APPLICANT: Detlef Weigel
; APPLICANT: John Cashman
; TITLE OF INVENTION: EXPRESSION OF FLAVIN-CONTAINING
; FILE REFERENCE: SALKINS.005A
; CURRENT APPLICATION NUMBER: US/09/715,834
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificial Primer
US-09-715-834-4

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 118 GCAAGTACGGCATGC 132
   |||||
DB 18 GCAAGAACGGATGC 4

RESULT 467
US-09-007-288E-97/c
; Sequence 97, Application US/09007288E
; Patent No. 6495357
; GENERAL INFORMATION:
; APPLICANT: Fuglsang, Claus
; APPLICANT: Okkels, Jens
; APPLICANT: Petersen, Dorte
; APPLICANT: Patkar, Shankar
; APPLICANT: Thellersen, Marianne
; APPLICANT: Svenden, Allan
; APPLICANT: Borch, Kim
; APPLICANT: Royer, John
; APPLICANT: Kretschmar, Titus
; APPLICANT: Halkier, Torben
; APPLICANT: Vind, Jesper
; APPLICANT: Jorgensen, Steen
; TITLE OF INVENTION: No. 6495357el Lipolytic Enzymes
; FILE REFERENCE: 4455.404-US
; CURRENT APPLICATION NUMBER: US/09/007,288E
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 97
; LENGTH: 18
; TYPE: DNA
```

```
; FILE REFERENCE: RTS-0002
; CURRENT APPLICATION NUMBER: US/09/071.433A
; CURRENT FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-42

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 128 CATGCTGCGCGGCT 142
Db 16 CATGCTGCGCGGCT 2

RESULT 461
US-09-377-309-12
; Sequence 12, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowbert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-12

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 98 CACGCTGACCGGA 112
Db 2 CACGCTGACCGGA 16

RESULT 462
US-09-577-902-32/c
; Sequence 32, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902
; CURRENT FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: US 09/359,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 32
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-32

Query Match          2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 TCTACGTGATCAGGA 420
Db 18 TCTATGTGATCAAGA 4

RESULT 463
US-09-610-838-77
; Sequence 77, Application US/09610838
; Patent No. 6376217
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/610,838
; FILING DATE: 06-JUL-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/136,389
; FILING DATE: 18-AUG-1998
; APPLICATION NUMBER: 08/646,360
; FILING DATE: 13-MAY-1996
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 200-70.P4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
```



```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/136,389
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/646,360
; FILING DATE: 13-MAY-1996
; APPLICATION NUMBER: PCT/US94/05348
; FILING DATE: 12-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 200-70-P4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-136-389-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
Db 3 CCGGCTGCTCTACAG 17

RESULT 458
US-09-075-717A-6/c
; Sequence 6, Application US/09075717A
; Patent No. 6174869
; GENERAL INFORMATION:
; APPLICANT: Barrett, Graham L
; TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
; TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/09/075,717A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/633,792
; FILING DATE: 01-JUL-1996
; APPLICATION NUMBER: AU PM/1870
; FILING DATE: 18-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516)742-4343
; TELEFAX: (516)742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA oligonucleotide"
; US-09-075-717A-6

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 169 TGTACTAGGAGTCCA 183
Db 17 TGTACGCGAGTCCA 3

RESULT 459
US-09-474-922A-77/c
; Sequence 77, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsert
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-474-922A-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 292 TGGTGAAGGACCTCA 306
Db 15 TGGTGGAGGACCAGA 1

RESULT 460
US-09-071-433-42/c
; Sequence 42, Application US/09071433A
; Patent No. 6197584
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsert, Lex M
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression

```

```
RESULT 454
US-09-143-212-31/c
; Sequence 31, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-31
Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 CGGTGCACTGGAGC 276
Db 16 CGTGCACACTGGAGC 2

RESULT 455
US-09-344-521-8
; Sequence 8, Application US/09344521
; Patent No. 6100090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION
; FILE REFERENCE: RTS-0062
; CURRENT APPLICATION NUMBER: US/09/344,521
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-521-8
Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 362 CTTCTCTCACTTCTCT 376
Db 3 CTTCTCTCTTCTCT 17

RESULT 456
US-08-839-765-77
; Sequence 77, Application US/08839765
; Patent No. 6146631
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 169
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
```

```
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/839,765
; FILING DATE: 15-APR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/425,336
; FILING DATE: 18-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/064,691
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/988,430
; FILING DATE: 09-DEC-1992
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11022US09/200-70.P3.C3
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: 650 388-1248
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-839-765-77
Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
Db 3 CCGGCTGCTCTACAG 17

RESULT 457
US-09-136-389-77
; Sequence 77, Application US/09136389
; Patent No. 6146850
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 West Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
```

```
; APPLICATION NUMBER: US/08/633,792A
; FILING DATE: 01-JUL-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PM/1870
; FILING DATE: 18-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516)742-4343
; TELEFAX: (516)742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA oligonucleotide"
US-08-633-792A-6

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 169 TGTACTACGAGTCCA 183
Db 17 TGTACGGAGTCCA 3

RESULT 450
US-09-166-203-12
; Sequence 12, Application US/09166203A
; Patent No. 5968826
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0323
; CURRENT APPLICATION NUMBER: US/09/166,203A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-203-12

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 98 CACGCTGACCGCA 112
Db 2 CACGCTGCGCGGA 16

RESULT 451
US-09-256-496-13/C
; Sequence 13, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
```

```
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-13

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 291 CTGGTGAAGGACCTG 305
Db 16 CTGGTGAAGATCTG 2

RESULT 452
US-09-358-381-32/c
; Sequence 32, Application US/09358381
; Patent No. 6020199
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: RTS-0079
; CURRENT APPLICATION NUMBER: US/09/358,381
; CURRENT FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-358-381-32

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 406 TCTACGTGATCGAGA 420
Db 18 TCTATGTGATCAAGA 4

RESULT 453
US-09-143-212-29
; Sequence 29, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-29

Query Match      2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 313 GGCACCGCGTGTGG 327
Db 4 GGCACCGAGTGTGG 18
```

RESULT 447
 US-08-712-357-11/c
 ; Sequence 11, Application US/08712357
 ; Patent No. 5808037
 ; GENERAL INFORMATION:
 ; APPLICANT: Guntaka, Ramareddy V.
 ; APPLICANT: Weber, Karl T.
 ; APPLICANT: Kovacs, Attila
 ; APPLICANT: Kandala, Jagannadhachari
 ; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
 ; TITLE OF INVENTION: EXPRESSION OF COLLAGEN GENES
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Hovey, Williams, Timmons & Collins
 ; STREET: 2405 Grand Boulevard, Suite 400
 ; CITY: Kansas City
 ; STATE: Missouri
 ; COUNTRY: U.S.A.
 ; ZIP: 64108
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION NUMBER: US/08/712.357
 ; FILING DATE:
 ; CLASSIFICATION: 536
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Collins, John M.
 ; REGISTRATION NUMBER: 26262
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (816) 474-9050
 ; TELEFAX: (816) 474-9057
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: YES
 ; POSITION IN GENOME:
 ; UNITS: bp
 ; US-08-712-357-11

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. NO. 4.1e-02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 362 CTTCTCTCACTTTTCCT 376
 Db 18 CTTCTCTCTTTTCCT 4

RESULT 448
 US-08-646-360-77
 ; Sequence 77, Application US/08646360
 ; Patent No. 5837491
 ; GENERAL INFORMATION:
 ; APPLICANT: Better, Marc D.
 ; APPLICANT: Carroll, Stephen F.
 ; APPLICANT: Studnika, Gary M.
 ; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
 ; TITLE OF INVENTION: Proteins
 ; NUMBER OF SEQUENCES: 173
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
 ; STREET: 500 West Madison Street, 34th floor
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA

ZIP: 60661
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/646.360
 ; FILING DATE: 13-MAY-1996
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US94/05348
 ; FILING DATE: 12-MAY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/064,691
 ; FILING DATE: 12-MAY-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/988,430
 ; FILING DATE: 09-DEC-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/901,707
 ; FILING DATE: 19-JUN-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/787,567
 ; FILING DATE: 04-NOV-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McNicholas, Janet M.
 ; REGISTRATION NUMBER: 32,918
 ; REFERENCE/DOCKET NUMBER: 200-70.P4
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312/707-8889
 ; TELEFAX: 312/707-9155
 ; TELEX: 650 388-1248
 ; INFORMATION FOR SEQ ID NO: 77:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-08-646-360-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. NO. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 344 CCGGCTGCTCTACAG 358
 Db 3 CCGGCTGCTCTACAG 17

RESULT 449
 US-08-633-792A-6/c
 ; Sequence 6, Application US/08633792A
 ; Patent No. 5837694
 ; GENERAL INFORMATION:
 ; APPLICANT: Barrett, Graham L
 ; TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
 ; TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Scully, Scott, Murphy & Presser
 ; STREET: 400 Garden City Plaza
 ; CITY: Garden City
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 11530
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:

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Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 344 CCGGCTGCTCTACAG 358
| | | | | | | | | |
Db 3 CCGGCTGCTCTACAG 17

RESULT 442
US-08-802-547-8/c
; Sequence 8, Application US/08802547
; Patent No. 5780611
; GENERAL INFORMATION:
; APPLICANT: Guntaka, Ramareddy V.
; APPLICANT: Weber, Karl T.
; APPLICANT: Kovacs, Attila
; APPLICANT: Kandala, Jagannadhachari
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT EXPRESSION OF
; TITLE OF INVENTION: COLLAGEN GENES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: MO
; COUNTRY: USA
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/802,547
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26,262
; REFERENCE/DOCKET NUMBER: 24129-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 816-474-9050
; TELEFAX: 816-474-9057
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; POSITION IN GENOME:
; UNITS: bp
US-08-802-547-8

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 362 CTTCCTCCTTCTCT 376
| | | | | | | | | |
Db 18 CTTCCTCCTTCTCT 4

RESULT 443
US-08-802-547-10/c
; Sequence 10, Application US/08802547
; Patent No. 5780611
; GENERAL INFORMATION:
; APPLICANT: Guntaka, Ramareddy V.
; APPLICANT: Weber, Karl T.

; APPLICANT: Kovacs, Attila
; APPLICANT: Kandala, Jagannadhachari
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT EXPRESSION OF
; TITLE OF INVENTION: COLLAGEN GENES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: MO
; COUNTRY: USA
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/802,547
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26,262
; REFERENCE/DOCKET NUMBER: 24129-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 816-474-9050
; TELEFAX: 816-474-9057
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; POSITION IN GENOME:
; UNITS: bp
US-08-802-547-10

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 362 CTTCCTCCTTCTCT 376
| | | | | | | | | |
Db 18 CTTCCTCCTTCTCT 4

RESULT 444
US-08-802-547-11/c
; Sequence 11, Application US/08802547
; Patent No. 5780611
; GENERAL INFORMATION:
; APPLICANT: Guntaka, Ramareddy V.
; APPLICANT: Weber, Karl T.
; APPLICANT: Kovacs, Attila
; APPLICANT: Kandala, Jagannadhachari
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT EXPRESSION OF
; TITLE OF INVENTION: COLLAGEN GENES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: MO
; COUNTRY: USA
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

TELEFAX: (215) 568-5549
 TELEX: NO. 565222ze
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 Nucleotides
 TYPE: nucleic acid
 STRANDEDNESS: single stranded
 TOPOLOGY: linear
 US-08-152-621-14

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTCTTCTACGT 412
 Db 18 GAAGGGCTTCTCGCT 4

RESULT 440

US-08-488-113B-77
 ; Sequence 77, Application US/08488113B
 ; Patent No. 5744580
 ; GENERAL INFORMATION:
 ; APPLICANT: Better, Marc D.
 ; APPLICANT: Carroll, Stephen F.
 ; APPLICANT: Studnika, Gary M.
 ; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
 ; TITLE OF INVENTION: Proteins
 ; NUMBER OF SEQUENCES: 169
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
 ; STREET: 500 West Madison Street, 34th floor
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA
 ; ZIP: 60661

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/488,113B
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/425,336
 FILING DATE: 18-APR-1995

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/064,691
 FILING DATE: 12-MAY-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/988,430
 FILING DATE: 09-DEC-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/901,707
 FILING DATE: 19-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/787,567
 FILING DATE: 04-NOV-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: McNicholas, Janet M.
 REGISTRATION NUMBER: 32,918
 REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/707-9155
 TELEX: 650 388-1248
 INFORMATION FOR SEQ ID NO: 77:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-488-113B-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
 Db 3 CCGGCTGCTCTACAG 17

RESULT 441

US-08-477-484B-77
 ; Sequence 77, Application US/08477484B
 ; Patent No. 5756699
 ; GENERAL INFORMATION:

APPLICANT: Better, Marc D.
 APPLICANT: Carroll, Stephen F.
 APPLICANT: Studnika, Gary M.
 TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
 TITLE OF INVENTION: Proteins
 NUMBER OF SEQUENCES: 169
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: McAndrews, Held & Malloy, Ltd.
 STREET: 500 West Madison Street, 34th floor
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60661

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/477,484B
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 530

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/425,336
 FILING DATE: 18-APR-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/064,691
 FILING DATE: 12-MAY-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/988,430
 FILING DATE: 09-DEC-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/901,707
 FILING DATE: 19-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/787,567
 FILING DATE: 04-NOV-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: McNicholas, Janet M.
 REGISTRATION NUMBER: 32,918
 REFERENCE/DOCKET NUMBER: 11022US07/200-70.P3.C2A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/707-8889
 TELEX: 650 388-1248

INFORMATION FOR SEQ ID NO: 77:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-477-484B-77

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; Patent No. 5652222
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA
; ADDRESSEE: & MONACO, P.C.
; STREET: 1800 Two Penn Center
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5652222e
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; US-08-152-621-8
;
; Query Match 2.8%; Score 11.8; DB 1; Length 18;
; Best Local Similarity 86.7%; Pred. No. 4.1e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTTCTACGT 412
Db 1 GCAGGGCTTCTACGT 15

RESULT 438
US-08-152-621-9
; Sequence 9, Application US/08152621
; Patent No. 5652222
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA
; ADDRESSEE: & MONACO, P.C.
; STREET: 1800 Two Penn Center
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5652222e
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; US-08-152-621-8
;
; Query Match 2.8%; Score 11.8; DB 1; Length 18;
; Best Local Similarity 86.7%; Pred. No. 4.1e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTTCTACGT 412
Db 1 GCAGGGCTTCTACGT 15

RESULT 439
US-08-152-621-14/c
; Sequence 14, Application US/08152621
; Patent No. 5652222
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA
; ADDRESSEE: & MONACO, P.C.
; STREET: 1800 Two Penn Center
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383

```

```

; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5652222e
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; US-08-152-621-9
;
; Query Match 2.8%; Score 11.8; DB 1; Length 18;
; Best Local Similarity 86.7%; Pred. No. 4.1e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTTCTACGT 412
Db 1 GCAGGGCTTCTACGT 15

RESULT 439
US-08-152-621-14/c
; Sequence 14, Application US/08152621
; Patent No. 5652222
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA
; ADDRESSEE: & MONACO, P.C.
; STREET: 1800 Two Penn Center
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383

```


;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/434,503
;; FILING DATE: 04-MAY-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/008,895
;; FILING DATE: 19-JAN-1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 200/276
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-434-503-23

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 44 TGGCCACCTCTACA 58
:|||||:
Db 2 UGGAACCACTACAGA 16

RESULT 435
US-08-425-336-77
; Sequence 77, Application US/08425336
; Patent No. 5621083
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Studnika, Gary M.
; TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 18-APR-1995
; APPLICATION NUMBER: US/08/425,336
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/064,691
; FILING DATE: 12-MAY-1993
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Thomas C.
; REGISTRATION NUMBER: P-36,989
; REFERENCE/DOCKET NUMBER: 31394

;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 312/474-6300
;; TELEFAX: 312/474-0448
;; TELEX: 25-3856
;; INFORMATION FOR SEQ ID NO: 77:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; US-08-425-336-77

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
|||||
Db 3 CCGGCTGCTCTACAG 17

RESULT 436
US-08-378-301-2/c
; Sequence 2, Application US/08378301
; Patent No. 5629184
; GENERAL INFORMATION:
; APPLICANT: GOLDENBERG, Merrill
; APPLICANT: BECKMAN, Alice
; TITLE OF INVENTION: CATIONIC COPOLYMERS OF VINYL AMINE AND
; TITLE OF INVENTION: VINYL ALCOHOL FOR THE DELIVERY OF OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: AMGEN INC.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: US
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 25-JAN-1995
; APPLICATION NUMBER: US/08/378,301
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: CRANDALL, Craig A.
; REGISTRATION NUMBER: 38,416
; REFERENCE/DOCKET NUMBER: A-328
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-378-301-2

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 ACCGGACGACGGCG 393
|||||
Db 15 ACCGGACGACGGCG 1

RESULT 437
US-08-152-621-8
; Sequence 8, Application US/08152621

```
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGGC 344
Db 15 GCGGGCGATCAGGCG 1

RESULT 432
PCT-US95-05816-41/c
; Sequence 41, Application PC/TUS9505816
; GENERAL INFORMATION:
; APPLICANT: Solomon, N.
; APPLICANT: Leckie, G.
; APPLICANT: Kratochvil, J.
; APPLICANT: O'Donnell, D.
; TITLE OF INVENTION: Materials and Methods for the Detection of
; MYCOBACTERIA
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05816
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas D. Brainard
; REGISTRATION NUMBER: 32,459
; REFERENCE/DOCKET NUMBER: 5371.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708/937-4884
; TELEFAX: 708/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Synthetic DNA
; PCT-US95-05816-41

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGGC 344
Db 15 GCGGGCGATCAGGCG 1

RESULT 433
US-07-988-430-79
; Sequence 79, Application US/07988430
; Patent No. 5416202
; GENERAL INFORMATION:
; APPLICANT: Bernhardt, Susan L.
; APPLICANT: Better, Marc D.
; APPLICANT: Carroll, Stephen F.
; APPLICANT: Lane, Julie A.
; APPLICANT: Lei, Shau-Ping
; TITLE OF INVENTION: Materials Comprising and Methods of
; PREPARATION AND USE FOR RIBOSOME-INACTIVATING PROTEINS
; NUMBER OF SEQUENCES: 101

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGGC 344
Db 15 GCGGGCGATCAGGCG 1

RESULT 434
US-08-434-503-23
; Sequence 23, Application US/08434503
; Patent No. 5616490
; GENERAL INFORMATION:
; APPLICANT: Sean M. Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TREATMENT OF INFLAMMATORY
; DISEASE
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
```

```
Correspondence Address:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
; ADDRESSEE: Bicknell
; STREET: Two First National Plaza, 20 South Clark
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/988,430
; FILING DATE: 19921209
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,707
; FILING DATE: 19-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,567
; FILING DATE: 04-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5416202and, Greta E.
; REGISTRATION NUMBER: 35302
; REFERENCE/DOCKET NUMBER: 31133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 346-5750
; TELEFAX: (312) 984-9740
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-07-988-430-79

Query Match 2.8%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACAG 358
Db 3 CCGGCTGCTCTACAG 17

RESULT 434
US-08-434-503-23
; Sequence 23, Application US/08434503
; Patent No. 5616490
; GENERAL INFORMATION:
; APPLICANT: Sean M. Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TREATMENT OF INFLAMMATORY
; DISEASE
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
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RESULT 429
PCT-US93-00977-65/c
; Sequence 65, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-00977-65
;
Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
Db 16 ACTTGTGGCGGCCA 2

RESULT 430
PCT-US93-00977-77/c
; Sequence 77, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-00977-77
;
Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
Db 16 ACTTGTGGCGGCCA 2

RESULT 431
PCT-US95-05602-41/c
; Sequence 41, Application PC/TUS9505602
; GENERAL INFORMATION:
; APPLICANT: Leckie, G.W.
; APPLICANT: Davis A.H.
; APPLICANT: Semple-Facey, I.E.
; APPLICANT: Manlove, M.T.
; APPLICANT: Solomon, N.A.
; TITLE OF INVENTION: Materials and Methods for the Detection of
; TITLE OF INVENTION: Mycobacteria tuberculosis
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05602
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas D. Brainard
; REGISTRATION NUMBER: 32,459
; REFERENCE/DOCKET NUMBER: 5370.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708/937-4884
; TELEFAX: 708/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Synthetic DNA
PCT-US95-05602-41
;
Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;

```

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent NO. 6686188
; SEQ ID NO 10468
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10468

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 16 TGCGGGTGACCGAGG 30
| | | | | | | | | | | | | | | |
Db 1 TGCGGGTGACCGTGG 15

RESULT 427
PCT-US93-00977-17
; Sequence 17, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-62

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
| | | | | | | | | | | | | | | |
Db 16 ACTCGGTGGCGGCCA 2

RESULT 428
PCT-US93-00977-62/c
; Sequence 62, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-62

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
| | | | | | | | | | | | | | | |
Db 16 ACTCGGTGGCGGCCA 2

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8145
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8145

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      265 TGCACCTGGAGCAGG 279
Db      1 TGCACCTGGAGCAGG 15

RESULT 424
US-09-866-108A-10466
; Sequence 10466, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10466
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10467

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      265 TGCACCTGGAGCAGG 279
Db      1 TGCACCTGGAGCAGG 15

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; ORGANISM: Homo sapiens
US-09-866-108A-10466

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      16 TCGGGGTGACCGAGG 30
Db      3 TCGGGGTGACCGTGG 17

RESULT 425
US-09-866-108A-10467
; Sequence 10467, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10467
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10467

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      16 TCGGGGTGACCGAGG 30
Db      2 TCGGGGTGACCGTGG 16

RESULT 426
US-09-866-108A-10468
; Sequence 10468, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

```

US-09-866-108A-7564

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 389 CGGCGCCAGAGAGT 403

Db 1 CGGCGCCAGAGAT 15

RESULT 421

US-09-866-108A-8143
; Sequence 8143, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8144

US-09-866-108A-8143

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 265 TGCACCTGGAGCAGG 279

Db 3 TGCACCTGGAGCAAG 17

RESULT 422

US-09-866-108A-8144
; Sequence 8144, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8143

US-09-866-108A-8143

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 265 TGCACCTGGAGCAGG 279

Db 3 TGCACCTGGAGCAAG 17

RESULT 423

US-09-866-108A-8145
; Sequence 8145, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8144

US-09-866-108A-8144

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 265 TGCACCTGGAGCAGG 279

Db 3 TGCACCTGGAGCAAG 17

RESULT 424

US-09-866-108A-8145
; Sequence 8145, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8144

APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A6MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A6MICA Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8144
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8144

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 265 TGCACCTGGAGCAGG 279

Db 2 TGCACCTGGAGCAAG 15

RESULT 423

US-09-866-108A-8145
; Sequence 8145, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8144

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 265 TGCACCTGGAGCAGG 279

Db 2 TGCACCTGGAGCAAG 15

RESULT 423

US-09-866-108A-8145
; Sequence 8145, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A6MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8144
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8144

```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6463
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8463

```

```

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 191 TATCCACTGCTCGGT 205
DB 1 TATCCACTGCTCGGT 15

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```

RESULT 419
US-09-866-108A-7558
; Sequence 7558, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

```

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7558
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7558

```

```

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 385 ACGACGGCGCAAGA 399
DB 3 ATGACGGCGCAAGA 17

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```

RESULT 420
US-09-866-108A-7564
; Sequence 7564, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7564
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6215

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      291 CTGTGTAAGACCTG 305
Db      15 CTGTGTCAGACCTG 1

RESULT 416
US-09-866-108A-6461
; Sequence 6461, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6461
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6461

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      291 CTGTGTAAGACCTG 305
Db      15 CTGTGTCAGACCTG 1

RESULT 416
US-09-866-108A-6461
; Sequence 6461, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6461
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6461
```

```

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      191 TATCCACTGCTCGGT 205
Db      3 TATCCACTGCTCGGT 17

RESULT 417
US-09-866-108A-6462
; Sequence 6462, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6462
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6462

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      191 TATCCACTGCTCGGT 205
Db      2 TATCCACTGCTCGGT 16

RESULT 418
US-09-866-108A-6463
; Sequence 6463, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
```



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RESULT 410
US-09-476-387-758      Application US/09476387
; Sequence 758
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adams, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 758
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-758

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      261 ACGGTGACCTGGAG 275
DB      1 ACGGCGACGCGGUG 15

RESULT 411
US-09-866-108A-1008      Application US/09866108A
; Sequence 1008
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5987
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5987
```

```
US-09-866-108A-5987/c      Application US/09866108A
; Sequence 5987
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5987
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1008

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      202 CGGTGAAGCAGAGA 216
DB      3 CAGGGAAGCAGAGA 17

RESULT 412
US-09-866-108A-5987/c      Application US/09866108A
; Sequence 5987
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5987
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5987
```

; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4610

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 85 CAGTGGACATCACCA 99
|||:||||:|
Db 2 CAGUGGCCAUCAGCA 16

RESULT 407
US-09-371-772B-4611
; Sequence 4611, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4611
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4611

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 85 CAGTGGACATCACCA 99
|||:||||:|
Db 1 CAGUGGCCAUCAGCA 15

RESULT 408
US-09-371-772B-6478/c
; Sequence 6478, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6478
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6478

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 212 AGAGAACTCGGTGGC 226
|||||:|||||
Db 17 AGAGAACATCGGTGGC 3

RESULT 409
US-09-476-387-639
; Sequence 639, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 639
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-639

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 203 GGTGAAGCAGAGAA 217
|||:|||||
Db 2 GGUGACAGCAGAGGA 16

US-09-371-772B-3037/c
 ; Sequence 3037, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; PRIOR FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3037
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 ; ORGANISM: Mus sp.
 US-09-371-772B-3037

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 411 GTGATCGAGACGCGG 425
 |||||
 DB 17 GTGAGCAAGACGCGG 3

RESULT 403
 US-09-371-772B-3038/c
 ; Sequence 3038, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; PRIOR FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3038
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 ; ORGANISM: Mus sp.
 US-09-371-772B-3038

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 411 GTGATCGAGACGCGG 425
 |||||
 DB 15 GTGAGCAAGACGCGG 1

RESULT 404
 US-09-371-772B-4169/c

; Sequence 4169, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; PRIOR FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4169
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; ORGANISM: Homo sapiens
 US-09-371-772B-4169

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 306 AGCCCCGGGACCGC 320
 |||||
 DB 17 AGCCCCGGGACCGC 3

RESULT 405
 US-09-371-772B-4171/c
 ; Sequence 4171, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; PRIOR FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4171
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; ORGANISM: Homo sapiens
 US-09-371-772B-4171

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 299 GGACCTGAGCCCCGG 313
 |||||
 DB 16 GCACCGGAGCCCCGG 2

RESULT 406
 US-09-371-772B-4610
 ; Sequence 4610, Application US/09371772B

RESULT 398

US-09-371-772B-8/c
; Sequence 8, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-8

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 299 GGACCTGAGCCCGG 313
DB 15 GCACCGAGCCCGG 1

RESULT 399

US-09-371-772B-18/c
; Sequence 18, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-18

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 GTGATCGAGCCCGG 425
DB 17 GTGAGCGGCGCGG 3

RESULT 400

US-09-371-772B-339
; Sequence 339, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-339

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 43 ATGGCCACCACTCAG 57
DB 1 AUGGCCAUCACUAG 15

RESULT 401

US-09-371-772B-541/c
; Sequence 541, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 541
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-541

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 247 TCCCGGGCTCGGCCA 261
DB 17 TCCCGGGCAGGCCA 3

RESULT 402

RESULT 395

US-08-584-040-7224/c
; Sequence 7224, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/POCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7224:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-7224

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 GTGATCGAGCGCGG 425

Db 15 GTGACCAAGACCGG 1

RESULT 396

US-09-474-432B-640
; Sequence 640, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 640
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-640

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.7e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 203 GGTGAACGACGAGAA 217

Db 2 GGUGACGACGAGGA 16

RESULT 397

US-09-474-432B-759
; Sequence 759, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo

APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex

APPLICANT: Adamic, Jasenka

APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn

TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MHB00-831-B (247/276)

CURRENT APPLICATION NUMBER: US/09/474,432B

CURRENT FILING DATE: 1999-12-19

PRIOR APPLICATION NUMBER: US 60/064,866

PRIOR FILING DATE: 1997-11-05

PRIOR APPLICATION NUMBER: US 60/084,727

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: US 09/186,675

PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: US 09/301,511

PRIOR FILING DATE: 1999-04-28

NUMBER OF SEQ ID NOS: 1526

SOFTWARE: PatentIn version 3.0

SEQ ID NO 759

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-474-432B-759

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 261 ACGTGCACCTGCGG 275

Db 1 ACGGACGACGCGG 15

```
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1794:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1794

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      43 ATGGCCACCACCTCAG 57
Db      1 AUGGCCAUCACUAG 15

RESULT 393
US-08-584-040-1996/c
; Sequence 1996, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1794:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1794

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      43 ATGGCCACCACCTCAG 57
Db      1 AUGGCCAUCACUAG 15
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-1996

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      247 TCCCGGGCTCGGCCA 261
Db      17 TCCCGGGCAAGGCCA 3

RESULT 394
US-08-584-040-7223/c
; Sequence 7223, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7223

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      411 GTGATCGAGACGGCG 425
Db      17 GTGAGCAAGACGGCG 3
```

```

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1463:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1463

```

```

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      299 GGACCTGAGCCCGG 313
Db      15 GCACCCGAGCCCGG 1

```

```

RESULT 391
US-08-584-040-1473/c
; Sequence 1473, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1473:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1473

```

```

Query Match      2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      411 GTGATGAGACGCGG 425
Db      17 GTGAGCGGACGCGG 3

```

```

RESULT 392
US-08-584-040-1794
; Sequence 1794, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974

```


ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-62

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTGGTGGCGCCA 231
Db 16 ACTGGTGGCGCCA 2

RESULT 388
US-07-974-409C-65/c
Sequence 65, Application US/07974409C
Patent No. 6300058
GENERAL INFORMATION:
APPLICANT: Akitava, Tatsuo
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-65

Query Match 2.8%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 217 ACTGGTGGCGCCA 231
Db 16 ACTGGTGGCGCCA 2

RESULT 389
US-07-974-409C-77/c
Sequence 77, Application US/07974409C
Patent No. 6300058
GENERAL INFORMATION:
APPLICANT: Akitava, Tatsuo
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: METHOD AND REAGENT
NUMBER OF SEQUENCES: 457
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/974,409C
FILING DATE: 12-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-974-409C-77

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTGGTGGCGCCA 231
Db 16 ACTGGTGGCGCCA 2

RESULT 390
US-08-584-040-1463/c
Sequence 1463, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,573
; FILING DATE: 31-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: PCT/GB96/00143
; APPLICATION NUMBER: 1430-172
; FILING DATE: 24-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; US-08-875-573-12
;
; Query Match 2.8%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 3.7e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 294 GTGAGGACCTTGAC 308
; Db 15 GTCATGGACCTTGAC 1
;
; RESULT 385
; US-09-275-680-5/c
; Sequence 5, Application US/09275680
; Patent No. 6221830
; GENERAL INFORMATION:
; APPLICANT: Hopper, James E
; TITLE OF INVENTION: A High Copy Number Recombinant Expression Construct for
; TITLE OF INVENTION: Regulated High-level Production of Polypeptides in
; TITLE OF INVENTION: Yeast
; FILE REFERENCE: 98428
; CURRENT APPLICATION NUMBER: US/09/275,680
; CURRENT FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; US-09-275-680-5
;
; Query Match 2.8%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 3.7e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY - 272 GGACGAGGCGGCAC 286
; Db 16 GGACGAGTGGCGGC 2
;
; RESULT 386
; US-07-974-409C-17
; Sequence 17, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
;
; TITLE OF INVENTION: METHOD AND REAGENT
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-07-974-409C-17
;
; Query Match 2.8%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 3.7e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 217 ACTCGTGGCGGCCA 231
; Db 2 ACTTGTGGCGGCCA 16
;
; RESULT 387
; US-07-974-409C-62/c
; Sequence 62, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tatsuo
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: METHOD AND REAGENT
; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 457
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/974,409C
; FILING DATE: 12-NOV-1992
; CLASSIFICATION: 435

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; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1731:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1731

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Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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Qy 56 AGAGGAGTCTCTGCA 70
Db 1 AGAGGGGUCUCAGCA 15

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RESULT 383

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US-09-071-845-1748
; Sequence 1748, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

```

```

; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1748

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```

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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Qy 56 AGAGGAGTCTCTGCA 70
Db 1 AGAGGGGUCUCAGCA 15

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RESULT 384

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US-08-875-573-12/c
; Sequence 12, Application US/08875573
; Patent No. 6150132
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; APPLICANT: Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO
; TITLE OF INVENTION: MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. 6150132th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1731:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1731

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      56 AGAGGAGTCTCTGCA 70
      |||||:|:|
Db       1 AGAGGGGUCUCAGCA 15

RESULT 380
US-08-292-620A-1748
; Sequence 1748, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lynn & Lynn
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1748:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

```

US-08-292-620A-1748

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.7e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      56 AGAGGAGTCTCTGCA 70
      |||||:|:|
Db       1 AGAGGGGUCUCAGCA 15

RESULT 381
US-08-881-687-5/c
; Sequence 5, Application US/08881687
; Patent No. 5968793
; GENERAL INFORMATION:
; APPLICANT: LIU, ZHAN-BIN
; APPLICANT: ODELL, JOAN T.
; TITLE OF INVENTION: SPECIFIC GENE ACTIVATION BY CHIMERIC
; TITLE OF INVENTION: GAL4 TRANSCRIPTION FACTORS IN STABLE
; TITLE OF INVENTION: TRANSGENIC PLANTS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DUPONT DE NEMOURS AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.50 INCH
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: MICROSOFT WORD FOR WINDOWS 95
; SOFTWARE: MICROSOFT WORD VERSION 7.0A
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,687
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CHRISTENBURY, LYNN M.
; REGISTRATION NUMBER: 30,971
; REFERENCE/DOCKET NUMBER: BB-1078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-5481
; TELEFAX: 302-773-0164
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Saccharomyces cerevisiae
US-08-881-687-5

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      272 GGAGCAGGGCGGCAC 286
      |||||:|:|
Db       16 GGAGCAGTGCAGCGC 2

RESULT 382
US-09-071-845-1731
; Sequence 1731, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen

```

two

```

; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELETYPE: 67-3510
; INFORMATION FOR SEQ ID NO: 2379:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2379

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e-02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 ACCACTGAGAGGAGT 63
DB 15 ACCACTGAGAGCGGT 1

RESULT 378
US-08-374-652C-68
; Sequence 68, Application US/08374652C
; Patent No. 5834286
; GENERAL INFORMATION:
; APPLICANT: NEVALAINEN, HELENA K.M.
; APPLICANT: PALOHEIMO, MARJA T.
; APPLICANT: FAGERSTROM, RICHARD B.
; APPLICANT: MATTINEN-OINONEN, ARJA S.
; APPLICANT: TURUNEN, MARJA K.
; APPLICANT: RAMBOSEK, JOHN A.
; APPLICANT: PIDDINGTON, CHRISTOPHER S.
; APPLICANT: HOUSTON, CHRISTINE S.
; APPLICANT: CANTRELL, MICHAEL A.
; TITLE OF INVENTION: RECOMBINANT CELLS, DNA CONSTRUCTS,
; TITLE OF INVENTION: VECTORS AND METHODS FOR EXPRESSING PHYTATE DEGRADING
; TITLE OF INVENTION: ENZYMES IN DESIRED RATIOS
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSER: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,652C
; FILING DATE: 24-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/07058
; FILING DATE: 27-JUL-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/925,401
; FILING DATE: 31-JUL-1992
; CLASSIFICATION: 435

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: REED, GRANT E.
; REGISTRATION NUMBER: 41,264
; REFERENCE/DOCKET NUMBER: 1050.071001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-374-652C-68

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e-02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 359 CGACTTCCTCACTTT 373
DB 1 CAACTTCCTCAATT 15

RESULT 379
US-08-292-620A-1731
; Sequence 1731, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION DATA: including application
; APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440

```

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1539:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1539

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Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 49 ACCACTCAGAGGAGT 63
Db 15 ACCAATGAGAGGAGT 1

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RESULT 376
US-08-435-628-2377/c
; Sequence 2377, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995

```

```

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2377:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2377

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Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 49 ACCACTCAGAGGAGT 63
Db 17 ACCACTGAGAGGCGT 3

```

```

RESULT 377
US-08-435-628-2379/c
; Sequence 2379, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

```

Patent No. 5786149
 GENERAL INFORMATION:
 APPLICANT: Leckie, G. W.
 APPLICANT: Davis, A. H.
 APPLICANT: Semple-Facey, I. E.
 APPLICANT: Manlove, M. T.
 APPLICANT: Solomon, N. A.
 TITLE OF INVENTION: Materials and Methods for the Detection of
 TITLE OF INVENTION: Mycobacteria tuberculosis
 NUMBER OF SEQUENCES: 76
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: One Abbott Park Road
 CITY: Abbott Park
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MSDOS
 SOFTWARE: Wordperfect
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/774,128
 FILING DATE: 23-DEC-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/242,403
 FILING DATE: May 13, 1994
 NAME: Thomas D. Brainard
 ATTORNEY/AGENT INFORMATION:
 REGISTRATION NUMBER: 32,459
 REFERENCE/DOCKET NUMBER: 5370.US.01
 TELEPHONE: 708/937-4884
 TELEFAX: 708/938-2623
 TELEX:
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Synthetic DNA
 US-08-774-128-41

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGGC 344
 Db 15 GCGGCGCATCAGGC 1

RESULT 374
 US-08-435-628-1537/C
 Sequence 1537, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwigen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles

STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1800
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1537:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-1537

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 ACCACTCAGAGGAGT 63
 Db 17 ACCAATGAGAGGAGT 3

RESULT 375
 US-08-435-628-1539/C
 Sequence 1539, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwigen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1539

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 ACCACTCAGAGGAGT 63
| | | | | | | | | | | | | | | | |
Db 15 ACCAATGAGAGGAGT 1

RESULT 371
US-08-373-124A-2377/c
; Sequence 2377, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2377:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2377

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 ACCACTCAGAGGAGT 63
| | | | | | | | | | | | | | | | |
Db 17 ACCACTGAGAGGAGT 3

RESULT 372
US-08-373-124A-2379/c
; Sequence 2379, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2379:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2379

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 49 ACCACTCAGAGGAGT 63
| | | | | | | | | | | | | | | | |
Db 15 ACCAATGAGAGGAGT 1

RESULT 373
US-08-774-128-41/c
; Sequence 41, Application US/08774128

APPLICATION NUMBER: US/08/379,078
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/974,406
FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.011CP2
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 464:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-379-078-464

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 217 ACTCGGTGGCGGCCA 231
Db 16 ACTTGGTGGCGGCCA 2

RESULT 369
US-08-373-124A-1537/c
Sequence 1537, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1539:
SEQUENCE CHARACTERISTICS:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1537:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1537

Query Match 2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 49 ACCACTCAGGAGGT 63
Db 17 ACCAATGAGGAGGT 3

RESULT 370
US-08-373-124A-1539/c
Sequence 1539, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1539:
SEQUENCE CHARACTERISTICS:

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Synthetic DNA
US-08-242-403A-41

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGCC 344
Db 15 GCGGGGATCAGGCC 1

RESULT 366
US-08-379-078-449/c
; Sequence 449, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 452:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-452

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
Db 16 ACTTGGTGGCGGCCA 2

RESULT 368
US-08-379-078-464/c
; Sequence 464, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08379078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 449:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-449

Query Match          2.8%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 217 ACTCGGTGGCGGCCA 231
Db 16 ACTTGGTGGCGGCCA 2

RESULT 367
US-08-379-078-452/c
; Sequence 452, Application US/08379078
; Patent No. 5639612
```

Patent No. 5391497
 GENERAL INFORMATION:
 APPLICANT: MENON, RAVI S.
 APPLICANT: JEFFERS, KATHLEEN F.
 APPLICANT: CHANG, YING-FON
 APPLICANT: HAM, RICHARD G.
 TITLE OF INVENTION: HUMAN K-CASEIN
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FREDERICK W. PEPPER, PH D.
 STREET: 11545 W. BERNARDO COURT, STE. 302
 CITY: SAN DIEGO
 STATE: CA
 COUNTRY: USA
 ZIP: 92127
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/962,569A
 FILING DATE: 19921013
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: PEPPER PH.D., FREDERICK W.
 REGISTRATION NUMBER: 31,286
 REFERENCE/DOCKET NUMBER: 920224.01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 451-1120
 TELEFAX: (619) 451-9628
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..15
 US-07-962-569A-5

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 179 GTCCAGGACATAT 193
 Db 1 GTCCAGGACATAT 15

RESULT 364
 US-08-332-453-3
 Sequence 3, Application US/08332453
 Patent No. 5599792
 GENERAL INFORMATION:
 APPLICANT: KRONIS, K. Anne
 APPLICANT: BOZZATO, Richard P.
 TITLE OF INVENTION: BONE-STIMULATING, NON-VASOACTIVE
 TITLE OF INVENTION: PARATHYROID HORMONE VARIANTS
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 1800 Diagonal Road, Suite 500
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22313-0299
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/332,453
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: US 07/900,680
 APPLICATION NUMBER:
 FILING DATE: 19-JUN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: BENT, Stephen A.
 REGISTRATION NUMBER: 29,768
 REFERENCE/DOCKET NUMBER: 16777/182 ALLE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)836-9300
 TELEFAX: (703)683-4109
 TELEX: 899149
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-332-453-3

Query Match 2.8%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 3.7e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 351 CTCTACAGCGACTTC 365
 Db 3 CTCTCCAGCGAGTTC 17

RESULT 365
 US-08-242-403A-41/c
 Sequence 41, Application US/08242403A
 Patent No. 5631130
 GENERAL INFORMATION:
 APPLICANT: Leckie, G. W.
 APPLICANT: Davis, A. H.
 APPLICANT: Semple-Pacey, I. E.
 APPLICANT: Manlove, M. T.
 APPLICANT: Solomon, N. A.
 TITLE OF INVENTION: Materials and Methods for the Detection of
 TITLE OF INVENTION: Mycobacteria tuberculosis
 NUMBER OF SEQUENCES: 76
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: One Abbott Park Road
 CITY: Abbott Park
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/242,403A
 FILING DATE: May 13, 1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Thomas D. Brainard
 REGISTRATION NUMBER: 32,459
 REFERENCE/DOCKET NUMBER: 5370.US.01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 708/937-4884
 TELEFAX: 708/938-2623
 TELEX:
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid

```
; TELEPHONE: 617 248 5000
; TELEFAX: 617 248 4000
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA"
; IMMEDIATE SOURCE:
; CLONE: PY7 exon sequence
US-08-814-412-45

Query Match
Best Local Similarity 2.8%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GGAGCAGGCGGCAC 286
DB 16 GGAGCAGTCCGCAC 2

RESULT 360
US-09-109-663-69
; Sequence 69, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; FILE REFERENCE: 9855-3U1
; CURRENT APPLICATION NUMBER: US/09/109,663
; EARLIER FILING DATE: 1998-07-03
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 69
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: Effective ASO
US-09-109-663-69

Query Match
Best Local Similarity 2.8%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 305 GAGCCCGGCGACCG 319
DB 1 GATCCCGGCGTACCG 15

RESULT 361
US-09-270-956-52/c
; Sequence 52, Application US/09270956
; Patent No. 6451571
; GENERAL INFORMATION:
; APPLICANT: Loeb, Lawrence A.
; APPLICANT: Loeb, Margaret E.
; TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/270,956
; FILING DATE: 17-MAR-1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.409C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-270-956-52

Query Match
Best Local Similarity 2.8%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 139 GCGTGGCGGTGAGG 153
DB 16 GCGTGGAGGTGGGG 2

RESULT 362
US-09-371-772B-5656/c
; Sequence 5656, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5656
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5656

Query Match
Best Local Similarity 2.8%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 GTGATCGAGCGCGG 425
DB 16 GTGAGCGGCGCGG 2

RESULT 363
US-07-962-569A-5
; Sequence 5, Application US/07962569A
```

```
Query Match      2.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 61 AGTCCTGCACTACG 75
DB 2 AGTCCTGCACTAAG 16

RESULT 357
US-09-112-869-1
; Sequence 1, Application US/09112869
; Patent No. 6042846
; GENERAL INFORMATION:
; APPLICANT: Lopez-Berestein, Gabriel
; TITLE OF INVENTION: LIPOSOMAL PHOSPHODIESTER,
; TITLE OF INVENTION: PHOSPHOROTHIOATE, AND P-ETHOXY OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/112,869
; FILING DATE: 09-JUL-1998
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/520,385
; FILING DATE: 29-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: UTSC:433--1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-112-869-1

Query Match      2.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 398 GAAGGCTTCTACGT 412
DB 1 GAAGGCTTCTCGT 15

RESULT 358
US-08-814-412-9/c
; Sequence 9, Application US/08814412
; Patent No. 6150141
; GENERAL INFORMATION:
; APPLICANT: Jarrell Ph.D., Kevin A.
; TITLE OF INVENTION: Intron-Mediated Techniques and Reagents
; NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:
ADDRESSEE: Choate, Hall & Stewart
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/814,412
FILING DATE: 11-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0079571-0040
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 248 5000
TELEFAX: 617 248 4000
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Ribozyme"
IMMEDIATE SOURCE:
CLONE: last 16 nt of K2 in Y7
US-08-814-412-9

Query Match      2.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GGAGCAGGGGGGCAC 286
DB 16 GGAGCAGGGGGGCAC 2

RESULT 359
US-08-814-412-45/c
; Sequence 45, Application US/08814412
; Patent No. 6150141
; GENERAL INFORMATION:
; APPLICANT: Jarrell Ph.D., Kevin A.
; TITLE OF INVENTION: Intron-Mediated Techniques and Reagents
; NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Choate, Hall & Stewart
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/814,412
FILING DATE: 11-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0079571-0040
TELECOMMUNICATION INFORMATION:
```


;; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and

;; FILE REFERENCE: 01107.74664
;; CURRENT APPLICATION NUMBER: US/09/081,646
;; EARLIER FILING DATE: 1998-05-20
;; EARLIER APPLICATION NUMBER: 60/047,352
;; EARLIER FILING DATE: 1997-05-21
;; NUMBER OF SEQ ID NOS: 871
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 730
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-081-646-730

Query Match 2.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 287 CAACTGGTGAAGGA 301
Db 1 CATGTTGGTGAAGGA 15

RESULT 352

US-07-977-284A-150
; Sequence 150, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmed, Nilofar Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO

US-07-977-284A-150

Query Match 2.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 61 AGTCTCTGCACACG 75
Db 2 AGTCTCTGCACACG 16

RESULT 353

US-08-166-664-10/c
; Sequence 10, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen
; APPLICANT: J. Anthony Mamone
TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
TITLE OF INVENTION: PREFERRED TARGETS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/166,664
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/884,074
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 2.8%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 330 GCGGACGACGAGGC 344
Db 15 GCGGACGACGAGGC 1

RESULT 354

US-08-520-385-1
; Sequence 1, Application US/08520385
; Patent No. 5855911
; GENERAL INFORMATION:
; APPLICANT: Lopez-Berestein, Gabriel
; APPLICANT: Tari, Ana M.
TITLE OF INVENTION: LIPOSOMAL PHOSPHODIESTER,
TITLE OF INVENTION: PHOSPHOROTHIOATE, AND p-ETHOXY OLIGONUCLEOTIDES

```

; Patent No. 6566087
; GENERAL INFORMATION:
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-686-055A-11

Query Match          2.8%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      62 GTCTCTGCACTA 73
Db      3 GTCTCTGCACTA 14

RESULT 348
5245022-13
; Patent No. 5245022
; APPLICANT: WEIS, ALEXANDER L.; OAKES, FRED T.; HAUSHEER,
; FREDERICK H.; CAVANAUGH, PAUL F. JR.; MOSKWA, PATRICIA S.
; TITLE OF INVENTION: EXONUCLEASE RESISTANT TERMINALLY
; SUBSTITUTED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 35
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/562,180
; FILING DATE: 03-AUG-1990
; SEQ ID NO:13
; LENGTH: 18
5245022-13

Query Match          2.8%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      235 CGGAGGCTGCT 246
Db      2 CGGAGGCTGCT 13

RESULT 349
US-08-232-081B-16/c
; Sequence 16, Application US/08232081B
; Patent No. 5886152
; GENERAL INFORMATION:
; APPLICANT: NAKATANI, TOMOYUKI
; APPLICANT: GOMI, HIDEYUKI
; APPLICANT: WIJENES, JOHN
; APPLICANT: NOGUCHI, HIROSHI
; TITLE OF INVENTION: HUMANIZED B-B10
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232.081B
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 20-3484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-232-081B-16

Query Match          2.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      282 GGCACCAAGCTGGT 296
Db      15 GGCACCAAGCTGGAG 1

RESULT 350
US-09-081-646-484
; Sequence 484, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 484
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-484

Query Match          2.8%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      287 CAGCTGCTGAGGA 301
Db      1 CATGTGTGTAAGGA 15

RESULT 351
US-09-081-646-730
; Sequence 730, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei

```



```
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-634-262-42

Query Match          2.8%; Score 12; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 32 CTGGGACGAGA 43
DB 1 CUGGGACGAGA 12

RESULT 341
US-09-081-646-571/c
; Sequence 571, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 571
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-571

Query Match          2.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 92 CATCACCACGTC 103
DB 15 CATCACCACGTC 4

RESULT 342
US-08-981-321-5/c
; Sequence 5, Application US/08981321A
; Patent No. 6146871
; GENERAL INFORMATION:
; APPLICANT: GARCIA LOPEZ, et al, Jose Luis
; TITLE OF INVENTION: PROCESS FOR MODIFYING THE ENZYME
; TITLE OF INVENTION: 7B-(4-CARBOXYBUTANAMIDE) CE PHALOS PORI NACYLAS B AND
; TITLE OF INVENTION: PURIFYING SAID ENZYME IN A SINGLE CHROMATOGRAPHIC STEP
; FILE REFERENCE: U-011559-6
; CURRENT APPLICATION NUMBER: US/08/981.321A
; CURRENT FILING DATE: 1998-08-13
; EARLIER APPLICATION NUMBER: PCT/ES97/00098
; EARLIER FILING DATE: 1997-04-19
; EARLIER APPLICATION NUMBER: P9600890
; EARLIER FILING DATE: 1996-04-19
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide for site-directed
; OTHER INFORMATION: mutagenesis of gla gene
; US-08-981-321-5

Query Match          2.8%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 248 CCGGGCTCGGC 259
DB 12 CCGGGCTCGGC 1

RESULT 343
US-08-679-645-829/c
; Sequence 829, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679.645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 829:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-829

Query Match          2.8%; Score 12; DB 1; Length 17;
```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/623,891
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/238,200
; FILING DATE:
; APPLICATION NUMBER: US/07/987,133
; FILING DATE:
; APPLICATION NUMBER: 07/882,921
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 07/948,359
; FILING DATE: September 18, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-623-891-42

```

```

Query Match 2.8%; Score 12; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 32 CTGGGACGAAGA 43
Db 1 CUGGGACGAAGA 12

```

```

RESULT 339
US-09-340-861-42
; Sequence 42, Application US/09340861
; Patent No. 6432704
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/340,861

```

```

; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/987,133
; FILING DATE:
; APPLICATION NUMBER: 07/882,921
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 07/948,359
; FILING DATE: September 18, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-340-861-42

```

```

Query Match 2.8%; Score 12; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 2.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 32 CTGGGACGAAGA 43
Db 1 CUGGGACGAAGA 12

```

```

RESULT 340
US-09-634-262-42
; Sequence 42, Application US/09634262
; Patent No. 6440719
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/634,262
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/987,133
; FILING DATE:
; APPLICATION NUMBER: 07/882,921
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 07/948,359
; FILING DATE: September 18, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

```

```

RESULT 335
US-09-690-936-34/c
; Sequence 34, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191aki, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/550,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-03-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-34

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      261 ACGTGCCACCTGGAGCA 277
Db      17 ACCGTGACCATGAGCA 1

RESULT 336
US-09-663-834A-44
; Sequence 44, Application US/09663834A
; Patent No. 6613567
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-2 EXPRESSION
; FILE REFERENCE: RTS-0033
; CURRENT APPLICATION NUMBER: US/09/663,834A
; CURRENT FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-663-834A-44

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      26 CGAGGGCTGGGAGGAG 42
Db      1 CGAGGGCTGGGCTGAAG 17

RESULT 337
PCT-US95-08604-102/c

```

```

; Sequence 102, Application PC/TUS9508604
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: HSC Research and Development Limited Partnership
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08604
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/271,942
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 102:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 18 of human RB1 gene
PCT-US95-08604-102

Query Match      2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      180 TCCAGGCACATATCCA 196
Db      18 TCCAGGTACATATCAA 2

RESULT 338
US-08-623-891-42
; Sequence 42, Application US/08623891
; Patent No. 5795778
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:

```

```

; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4194
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1388 for SEQ 260,
US-09-422-978-4194

Query Match          2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 45 GCCCACCACCTCAGAGGA 61
DB 18 GACCACCACCTTAGAGAA 2

RESULT 332
US-09-371-772B-3966
; Sequence 3966, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3966
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3966

Query Match          2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 238 GAGGCTGCTTCCGGGC 254
DB 2 GAGACUGCUCCAGGGC 18

RESULT 333
US-09-347-613C-38
; Sequence 38, Application US/09347613C
; Patent No. 6593133
; GENERAL INFORMATION:
; APPLICANT: Johansen, Teit E.
; APPLICANT: Blom, Nikolaj
; APPLICANT: Hansen, Claus
; TITLE OF INVENTION: No. 6593133el Neurotrophic Factors
; FILE REFERENCE: Neurosearch 19313-001
; CURRENT APPLICATION NUMBER: US/09/347,613C
; CURRENT FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: DANISH 1998 00904
; PRIOR FILING DATE: 1998-07-06

```

```

; PRIOR APPLICATION NUMBER: USSN 60/092,229
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: DANISH 1998 01048
; PRIOR FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: USSN 60/097,774
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: DANISH 1998 01260
; PRIOR FILING DATE: 1998-10-05
; PRIOR APPLICATION NUMBER: USSN 60/103,908
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: DANISH 1998 01265
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-347-613C-38

Query Match          2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GCTGGCCCGCTGGCGG 147
DB 1 GCTGGCCCGCTGCAGG 17

RESULT 334
US-09-690-936-25/c
; Sequence 25, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191aki, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-25

Query Match          2.9%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 ACGGTGCACCTGGAGCA 277
DB 18 ACGGTGCACCATGAGCA 2

```

US-08-650-093C-118

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 ACGGTGCACCTGGAGC 276
|||
Db 16 ACCGTGCACCATGAGC 1

RESULT 571

US-08-535-249-43/c
; Sequence 43, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlengersien, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlengersien, Karl-Hermann
; APPLICANT: Schlengersien, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: US/08/535/249

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-535-249-43

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 351 CTCTACAGCGACTTCC 366
|||
Db 16 CTGTACATTGACTTCC 1

RESULT 572

US-08-754-477A-37/c

; Sequence 37, Application US/08754477A
; Patent No. 6518411
; GENERAL INFORMATION:
; APPLICANT: Murray, Jeffrey
; APPLICANT: Semina, Elena
; TITLE OF INVENTION: RIEG COMPOSITIONS AND THERAPEUTIC
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA

ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/754,477A
FILING DATE: 22-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-022.01
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-754-477A-37

Query Match 2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 140 CCTGGCGGTGGAGGCC 155
|||
Db 16 CCAGGAGCTGGAGGCC 1

RESULT 573

US-09-371-772B-5652
; Sequence 5652, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 5652
; LENGTH: 16
; TYPE: RNA

```
; ORGANISM: Homo sapiens
US-09-371-772B-5652

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 309 CCGGGGACCGGTGC 324
Db 1 CCGGGGACCGGGGC 16

RESULT 574
US-09-371-772B-6009
; Sequence 6009, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6009
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6009

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 4.3e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 295 TGAAGACCTGAGCCC 310
Db 1 UGUAGAACCUGAGCUC 16

RESULT 575
US-09-690-936-35/c
; Sequence 35, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191aki, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 35
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-35

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 ACGTGCACTGGAGC 276
Db 16 ACGTGCACTGGAGC 1

RESULT 576
US-09-829-855-189
; Sequence 189, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHEY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 189
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-3
US-09-829-855-189

Query Match      2.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 29 GGGCTGGCGAAGAT 44
Db 1 GGGCTGGCGAAGCT 16

RESULT 577
US-07-783-861C-15
; Sequence 15, Application US/07783861C
; Patent No. 5460949
; GENERAL INFORMATION:
; APPLICANT: Saunders, Court A.
; APPLICANT: Wolf, Fred R.
; APPLICANT: Mukharji, Indrani
; TITLE OF INVENTION: A Method and Composition for Increasing
; TITLE OF INVENTION: the Accumulation of Squalene and Specific Sterols in
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amoco Corp., Patents and Licensing Dept.
; STREET: 200 East Randolph St.
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680-0703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/783,861C
; FILING DATE: 19911028
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/613,380
; FILING DATE: 15-NOV-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Galloway, No. 5460949wall B.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 856-7180
; TELEFAX: 312 856-4972
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-783-861C-15

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 248 CCGGGCTCGGCACG 263
Db 1 CCGGGATCGATCAG 16

RESULT 578
US-08-152-313-58
; Sequence 58, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESS: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PP-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:

NAME/KEY: CDS
LOCATION: 1..17

US-08-152-313-58
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 116 CAGCAAGTACGGCATG 131
Db 2 CTGCATGTGCGGCATG 17

RESULT 579
US-08-297-248-3
; Sequence 3, Application US/08297248
; Patent No. 5576208
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of the ras Gene
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodcock Washburn Kurtz
; ADDRESS: Mackiewicz & No. 5576208ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/297,248
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: us/08/007,996
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 715,196
; FILING DATE: June 14, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: ISIS-0722
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-297-248-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
Db 1 CCACACGACGGCGCC 16

RESULT 580
US-08-468-447-11

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```
; Sequence 11, Application US/08468447
; Patent No. 5576302
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook and Glenn Hoke
; TITLE OF INVENTION: Oligonucleotides For Modulating
; TITLE OF INVENTION: Hepatitis C Virus Having Phosphorothioate Linkages Of High Chi
; TITLE OF INVENTION: Purity
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5576302ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,447
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 297,703
; FILING DATE: 29-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-468-447-11

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
Db 1 CCACACGACGGCGCC 16

RESULT 581
US-08-293-086-3
; Sequence 3, Application US/08293086
; Patent No. 5582986
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE INHIBITION
; TITLE OF INVENTION: OF THE ras GENE
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5582986ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IEM PS/2
; OPERATING SYSTEM: PC-DOS
```

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; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/293,086
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; APPLICATION NUMBER: 715,196
; FILING DATE: June 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0715
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-293-086-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
Db 1 CCACACGACGGCGCC 16

RESULT 582
US-08-469-851A-11
; Sequence 11, Application US/08469851A
; Patent No. 5587361
; GENERAL INFORMATION:
; APPLICANT: Cook and Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES HAVING PHOSPHOROTHIOATE
; TITLE OF INVENTION: LINKAGES OF HIGH CHIRAL PURITY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5587361ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,851A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 297,703
; FILING DATE: 29-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-469-851A-11
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CCGCGACGACGGCGCC 395
Db 1 CCACACCGACGGCGCC 16

RESULT 583
US-08-281-940-56
Sequence 56, Application US/08281940
Patent No. 5589330
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
TITLE OF INVENTION: DISEASE ANALYSIS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: DARBY & DARBY P.C.
STREET: 805 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: LUDWIG, S. PETER
REGISTRATION NUMBER: 25351
REFERENCE/DOCKET NUMBER: 0372/09596
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212/527-7700
TELEFAX: 212/753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapien
IMMEDIATE SOURCE:
CLONE: R334WN
US-08-281-940-56
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 234 TCGGAGGCTGCTTCC 249
Db 2 TCGGAGGATGATTCC 17

RESULT 584
US-08-467-597A-11
Sequence 11, Application US/08467597A
Patent No. 5620963
GENERAL INFORMATION:
APPLICANT: Cook and Hoke
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR MODULATING PROTEIN
TITLE OF INVENTION: KINASE C HAIVING PHOSPHOROTHIOATE LINKAGES
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5620963ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
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```
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,569A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 297,703
; FILING DATE: 29-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-468-569A-11

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 587
US-08-244-993-2
; Sequence 2, Application US/08244993
; Patent No. 5623065
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5623065ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,993
; FILING DATE: 21-JUNE-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 814,961
; FILING DATE: 23-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0841
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-244-993-2

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 588
US-08-244-993-3
; Sequence 3, Application US/08244993
; Patent No. 5623065
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
```

;; TITLE OF INVENTION: Gapped 2' Modified
;; TITLE OF INVENTION: Oligonucleotides
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
;; ADDRESSEE: and No. 5623065ris
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 Kb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Wordperfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/244,993
;; FILING DATE: 21-JUNE-1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 814,961
;; FILING DATE: 23-DEC-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucci
;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-0841
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; US-08-244-993-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
||| |||||
Db 1 CCACACCGACGGCGCC 16

RESULT 589
US-08-244-993-4
;; Sequence 4, Application US/08244993
;; Patent No. 5623065
;; GENERAL INFORMATION:
;; APPLICANT: Philip Dan Cook
;; TITLE OF INVENTION: Gapped 2' Modified
;; TITLE OF INVENTION: Oligonucleotides
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
;; ADDRESSEE: and No. 5623065ris
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 Kb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Wordperfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/244,993
;; FILING DATE: 21-JUNE-1994

;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 814,961
;; FILING DATE: 23-DEC-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucci
;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-0841
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; US-08-244-993-4

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
||| |||||
Db 1 CCACACCGACGGCGCC 16

RESULT 590
US-08-244-993-5
;; Sequence 5, Application US/08244993
;; Patent No. 5623065
;; GENERAL INFORMATION:
;; APPLICANT: Philip Dan Cook
;; TITLE OF INVENTION: Gapped 2' Modified
;; TITLE OF INVENTION: Oligonucleotides
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
;; ADDRESSEE: and No. 5623065ris
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 Kb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Wordperfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/244,993
;; FILING DATE: 21-JUNE-1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 814,961
;; FILING DATE: 23-DEC-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucci
;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-0841
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; US-08-244-993-5

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGCC 395
 |||||
 Db 1 CCACACGACGCGCC 16

RESULT 591

US-08-244-993-6
 ; Sequence 6, Application US/08244993
 ; Patent No. 5623065
 ; GENERAL INFORMATION:
 ; APPLICANT: Philip Dan Cook
 ; TITLE OF INVENTION: Gapped 2' Modified
 ; TITLE OF INVENTION: Oligonucleotides
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
 ; ADDRESS: and No. 5623065is
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: U.S.A.
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk, 720 Kb
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/244,993
 ; FILING DATE: 21-JUNE-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 814,961
 ; FILING DATE: 23-DEC-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Joseph Lucchi
 ; REGISTRATION NUMBER: 33,307
 ; REFERENCE/DOCKET NUMBER: ISIS-0841
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 215-568-3100
 ; TELEFAX: 215-568-3439
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; ANTI-SENSE: yes
 ; US-08-244-993-6

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGCC 395
 |||||
 Db 1 CCACACGACGCGCC 16

RESULT 592

US-08-373-124A-1231
 ; Sequence 1231, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/373,124A
 ; FILING DATE: January 13, 1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1231:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-373-124A-1231

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 4.8e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 135 GCCCGCGCTGCGGTGG 150
 |||||
 Db 1 GCCCGCGCTGCGCAUGG 16

RESULT 593

US-08-373-124A-1373/c
 ; Sequence 1373, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles

```

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373.124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1373:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1373

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 20 GGTGACCGAGGCTGG 35
Db 16 GTTGACCGAGGACTGG 1

RESULT 594
US-08-373-124A-2457/C
; Sequence 2457, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373.124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2457:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-2457

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 400 AGGTCTTCTACTGAT 415
Db 17 AGGTCTTCTACTAAAT 2

RESULT 595
US-08-466-692A-11
; Sequence 11, Application US/08466692A
; Patent No. 5654284
; GENERAL INFORMATION:
; APPLICANT: Cook and Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR MODULATING RAP KINASE
; TITLE OF INVENTION: HAVING PHOSPHOROTHIOATE LINKAGES OF HIGH
; TITLE OF INVENTION: CHIRAL PURITY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5654284ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,692A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 297,703
; FILING DATE: 29-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

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; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-466-692A-11

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCAGCAGCGCGCC 395
||| |||||
DB 1 CCACACGCGCGCC 16

RESULT 596

US-08-471-966A-11
; Sequence 11, Application US/08471966A
; Patent No. 5661134
; GENERAL INFORMATION:

; APPLICANT: Phillip Dan Cook and Glenn Hoke
; TITLE OF INVENTION: Oligonucleotides for Modulating Ha-ras or
; TITLE OF INVENTION: Ki-ras Having Phosphorothioate Linkages Of High Chiral Purity
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5661134ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471.966A
; FILING DATE: 06-JUN-1995

CLASSIFICATION: 536

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 297,703

; FILING DATE: 29-AUG-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Joseph Lucci

; REGISTRATION NUMBER: 33,307

; REFERENCE/DOCKET NUMBER: ISIS-2011

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-471-966A-11

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCAGCAGCGCGCC 395
||| |||||
DB 1 CCACACGCGCGCC 16

RESULT 597

US-08-398-008A-8/c

; Sequence 8, Application US/08398008A
; Patent No. 5655588
; GENERAL INFORMATION:

; APPLICANT: Kornbluth, Jacki
; TITLE OF INVENTION: DNA Encoding Natural Killer Lytic Associated
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Gilbreth & Adler, P.C.
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage

; COMPUTER: MACINTOSH IICI

; OPERATING SYSTEM: Macintosh

; SOFTWARE: Microsoft Word 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/398,008A

; FILING DATE: March 2, 1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/126,501

; FILING DATE: 24-SEP-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: Adler, Dr. Benjamin Aaron

; REGISTRATION NUMBER: 35,423

; REFERENCE/DOCKET NUMBER: D5705CIP

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (713) 777-2321

; TELEFAX: (713) 777-6908

; TELEX:

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double-stranded

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

; HYPOTHETICAL: no

; ANTI-SENSE: no

US-08-398-008A-8

Query Match 2.6%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 4.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 41 AGATGCCCGCCACTCA 56
||| |||||

DB 16 AGATGCCCGCCACTCA 1

RESULT 598

US-08-579-223-58

; Sequence 58, Application US/08579223

; Patent No. 5726019

; GENERAL INFORMATION:

; APPLICANT: Sidransky, David

; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY

; TITLE OF INVENTION: ANALYSIS OF SPUTUM

; NUMBER OF SEQUENCES: 128

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz

; STREET: 1880 Century Park East, Suite 500

; CITY: Los Angeles

; STATE: California

; COUNTRY: USA

; ZIP: 90067

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/579,223
; APPLICATION NUMBER: US/08/579,223
; FILING DATE: 28-DEC-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-579-223-58

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Query Match 2.6% Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 116 CAGCACTACGGCATG 131
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DB 2 CTGCATGTGGCGCATG 17

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RESULT 599
US-08-758-306-177
; Sequence 177, Application US/08/58306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

```

```

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 177:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-177

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Query Match 2.6% Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

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QY 263 GGTGCACCTGGAGCAG 278
   |||||
DB 1 GGAGCACUUGGUGCAG 16

```

```

RESULT 600
US-08-758-306-765
; Sequence 765, Application US/08/58306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 765:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-765

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Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 293 GGTAAGGACCTGAGC 308
|||:|||||
Db 1 GGUGCAGUACCGGAGC 16

RESULT 601
US-08-435-628-1231
; Sequence 1231, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1231:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-435-628-1231
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 135 GCCCGCTGGCGGTGG 150
|||||:|:|

Db 1 GCCCGCTGGCGCAUGG 16

RESULT 602
US-08-435-628-1373/c
; Sequence 1373, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1373:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1373

Query Match 2.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 20 GGTAAGGACCTGAGC 35
|||:|||||
Db 16 GTTGACGAGGACTGG 1

RESULT 603
US-08-435-628-2457/c
; Sequence 2457, Application US/08435628

```

; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2457:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2457

```

```

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 400 AGGCTTCTACGGAT 415
Db 17 AGGCTTCTACTAAAT 2

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RESULT 604
US-08-655-345-7/c
; Sequence 7, Application US/08655345
; Patent No. 5830742
; GENERAL INFORMATION:
; APPLICANT: Black, Roy A.
; APPLICANT: Rauch, Charles
; APPLICANT: March, Carl J.
; APPLICANT: Cerretti, Douglas P.

```

```

; TITLE OF INVENTION: TNF-a CONVERTING ENZYME
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.2
; SOFTWARE: Microsoft Word for Apple, Version 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/655,345
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/504,614
; FILING DATE: 20-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/428,458
; FILING DATE: 8-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Malaska, Stephen L.
; REGISTRATION NUMBER: 32,655
; REFERENCE/DOCKET NUMBER: 2507-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206) 233-0644
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; US-08-655-345-7

```

```

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 5 AGGAGTGAACCTGCGG 20
Db 16 ARGARTGYCAVTGYGG 1

```

```

RESULT 605
US-08-710-134-56
; Sequence 56, Application US/08710134
; Patent No. 5834181
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
; TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genzyme Corporation
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,134
; FILING DATE: 13-SEP-1996

```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-8.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-710-134-56

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 234 TCGGAGGCTGCTCC 249
DB 2 TCGGAGGATGATCC 17

RESULT 606
US-08-331-389A-5/c
; Sequence 5, Application US/08331389A
; Patent No. 5837449
; GENERAL INFORMATION:
; APPLICANT: Monia et al.
; TITLE OF INVENTION: Compositions and Methods for
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/331,389A
; FILING DATE: 28-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/814,963
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard, Ph.D.
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1668
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-331-389A-5

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-8.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-710-134-56

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 234 TCGGAGGCTGCTCC 249
DB 2 TCGGAGGATGATCC 17

RESULT 607
US-08-292-620A-1701
; Sequence 1701, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon Street
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1701

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 136 CCGCGCTGGCGGTGGA 151
DB 2 CCUGCCUCGGGUGGA 17

```

RESULT 608
US-08-292-620A-1810
; Sequence 1810, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggan
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1810:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1810

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 212 AGAGAACTCGGTGGCG 227
Db 1 AGAGGACUCGAGGGG 16

RESULT 609
US-08-485-885-56
; Sequence 56, Application US/08485885
; Patent No. 5849483
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR

; TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genzyme Corporation
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,885
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: GEN4-12.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-56

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 234 TCGGAGGCTGCTTCC 249
Db 2 TCGGAGGATGATTCC 17

RESULT 610
US-08-861-306-1
; Sequence 1, Application US/08861306
; Patent No. 5856455
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESS: and No. 5856455r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/861,306
; FILING DATE:
; CLASSIFICATION: 524
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/244,993
; FILING DATE: 21-JUNE-1994

APPLICATION NUMBER: 814,961
FILING DATE: 23-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0841
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-861-306-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 611
US-08-861-306-2
Sequence 2, Application US/08861306
Patent No. 5856455
GENERAL INFORMATION:
APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: and No. 5856455ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,306
FILING DATE:
CLASSIFICATION: 524
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/244,993
FILING DATE: 21-JUNE-1994
APPLICATION NUMBER: 814,961
FILING DATE: 23-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0841
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-861-306-2

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 612
US-08-861-306-3
Sequence 3, Application US/08861306
Patent No. 5856455
GENERAL INFORMATION:
APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
ADDRESSEE: and No. 5856455ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/861,306
FILING DATE:
CLASSIFICATION: 524
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/244,993
FILING DATE: 21-JUNE-1994
APPLICATION NUMBER: 814,961
FILING DATE: 23-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-0841
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-861-306-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 613
US-08-861-306-4
Sequence 4, Application US/08861306
Patent No. 5856455
GENERAL INFORMATION:
APPLICANT: Philip Dan Cook
TITLE OF INVENTION: Gapped 2' Modified

```

; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5856455ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/861,306
; FILING DATE:
; CLASSIFICATION: 524
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/244,993
; FILING DATE: 21-JUNE-1994
; APPLICATION NUMBER: 814,961
; FILING DATE: 23-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0841
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-861-306-4

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CCGCGACGACGGCGCC 395
Db 1 CCACCGACGGCGCC 16

RESULT 614
US-08-861-306-5
; Sequence 5, Application US/08861306
; Patent No. 5856455
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5856455ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/861,306
; FILING DATE:
; CLASSIFICATION: 524
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/244,993
; FILING DATE: 21-JUNE-1994
; APPLICATION NUMBER: 814,961
; FILING DATE: 23-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0841
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; APPLICATION NUMBER: US/08/861,306

; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; ADDRESSEE: and No. 5856455ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/861,306
; FILING DATE:
; CLASSIFICATION: 524
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/244,993
; FILING DATE: 21-JUNE-1994
; APPLICATION NUMBER: 814,961
; FILING DATE: 23-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0841
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; APPLICATION NUMBER: US/08/861,306
```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-861-306-6

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 616
US-08-468-037A-1
; Sequence 1, Application US/08468037A
; Patent No. 5859221
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468.037A
FILING DATE: 06-JUN-1995

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-468-037A-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 617
US-08-471-973A-1
; Sequence 1, Application US/08471973A
; Patent No. 5872232
; GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5872232ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471.973A
FILING DATE: 06-JUN-1995

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005

TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-471-973A-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACCGACGGCGCC 16

RESULT 618
US-08-889-296A-3
; Sequence 3, Application US/08889296A
; Patent No. 5872242
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowser, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889.296A
FILING DATE: herewith
CLASSIFICATION: 536

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/411,734
;; FILING DATE: April 3, 1995
;; PRIOR APPLICATION DATA: PCT/US93/09346
;; FILING DATE: October 1, 1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 958,134
;; FILING DATE: October 5, 1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/007,996
;; FILING DATE: January 21, 1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0213
;; TELEPHONE: (609) 779-2400
;; TELEFAX: (609) 779-8488
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-08-889-296A-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 619
US-08-465-880-1
; Sequence 1, Application US/08465880
; Patent No. 5955589
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589-1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,880
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 244,993
; FILING DATE: 21-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2002
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

;; LENGTH: 17 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; US-08-465-880-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 620
US-08-848-840A-3
; Sequence 3, Application US/08848840A
; Patent No. 5965722
; GENERAL INFORMATION:
; APPLICANT: Monia, et al.
; TITLE OF INVENTION: ANTISENSE INHIBITION OF ras GENE WITH
; TITLE OF INVENTION: CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5965722-1s LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/848,840A
; FILING DATE: 30-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/317,289
; FILING DATE: 03-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/794,493
; FILING DATE: 04-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/335,046
; FILING DATE: 07-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/488,256
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/465,866
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: 03-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/227,180
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2458
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-848-840A-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
 ||| |||||
 Db 1 CCACACGACGGCGCC 16

RESULT 621

US-08-893-333-8/c
 ; Sequence 8, Application US/08893333A
 ; Patent No. 5981705
 ; GENERAL INFORMATION:
 ; APPLICANT: Kornbluth, Jacki
 ; TITLE OF INVENTION: DNA Encoding Natural Killer Lytic Associated Protein
 ; FILE REFERENCE: D570SIP/D
 ; CURRENT APPLICATION NUMBER: US/08/893,333A
 ; CURRENT FILING DATE: 1997-07-16
 ; NUMBER OF SEQ ID NOS: 17
 ; SEQ ID NO 8
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: primer bind
 ; OTHER INFORMATION: Oligo #217
 ; OTHER INFORMATION: Used to sequence Natural Killer Lytic Associated Protein
 US-08-893-333-8

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 41 AGATGGCCACCACTCA 56
 ||| |||||
 Db 16 AGAATGGCCCACTCA 1

RESULT 622

US-09-203-716-12/c
 ; Sequence 12, Application US/09203716
 ; Patent No. 6001653
 ; GENERAL INFORMATION:
 ; APPLICANT: Crooke, Stanley T.
 ; APPLICANT: Lina, Walter P.
 ; APPLICANT: Wu, Hongjiang
 ; TITLE OF INVENTION: Human RNase H Compositions and Uses Thereof
 ; FILE REFERENCE: ISPH-0333
 ; CURRENT APPLICATION NUMBER: US/09/203,716
 ; CURRENT FILING DATE: 1998-12-02
 ; EARLIER APPLICATION NUMBER: 60/067,458
 ; EARLIER FILING DATE: 1997-12-04
 ; NUMBER OF SEQ ID NOS: 12
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 12
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-09-203-716-12

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
 ||| |||||
 Db 17 CCACACGACGGCGCC 2

RESULT 623

US-09-035-357-1
 ; Sequence 1, Application US/09035357
 ; Patent No. 6005087
 ; GENERAL INFORMATION:
 ; APPLICANT: Phillip Dan Cook
 ; APPLICANT: A. Kawasaki
 ; TITLE OF INVENTION: 2'-Modified Oligonucleotides
 ; NUMBER OF SEQUENCES: 37
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: U.S.A.
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk, 720 Kb
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/035,357
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/468,037
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Joseph Iucci
 ; REGISTRATION NUMBER: 33,307
 ; REFERENCE/DOCKET NUMBER: ISIS-2004
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 215-568-3100
 ; TELEFAX: 215-568-3439
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; ANTI-SENSE: yes
 US-09-035-357-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
 ||| |||||
 Db 1 CCACACGACGGCGCC 16

RESULT 624

US-09-183-275-7/c
 ; Sequence 7, Application US/09183275
 ; Patent No. 6013466
 ; GENERAL INFORMATION:
 ; APPLICANT: Black, Roy A.
 ; APPLICANT: Rauch, Charles
 ; APPLICANT: March, Carl J.
 ; APPLICANT: Cerretti, Douglas P.
 ; TITLE OF INVENTION: TNF-a CONVERTING ENZYME
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Immunex Corporation
 ; STREET: 51 University Street

```

/ CITY: Seattle
/ STATE: WA
/ COUNTRY: USA
/ ZIP: 98101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Apple Operating System 7.5.2
/ SOFTWARE: Microsoft Word for Apple, Version 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/183,275
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/655,345
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/504,614
/ FILING DATE: 20-JUL-1995
/ PRIOR APPLICATION DATA: 08/428,458
/ APPLICATION NUMBER: 08/428,458
/ FILING DATE: 8-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Malaska, Stephen L.
/ REGISTRATION NUMBER: 32,655
/ REFERENCE/DOCKET NUMBER: 2507-B
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 587-0430
/ TELEFAX: (206) 233-0644
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ US-09-183-275-7

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 5 AGGAGTGAACACTCGG 20
Db 16 ARGARTGYGAYTGYG 1

RESULT 625
US-08-985-162-278/c
/ Sequence 278, Application US/08985162
/ Patent No. 6057156
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: Fell, Patricia
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ TITLE OF INVENTION: FACTOR RECEPTORS
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600

/ CITY: Seattle
/ STATE: WA
/ COUNTRY: USA
/ ZIP: 98101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Apple Operating System 7.5.2
/ SOFTWARE: Microsoft Word for Apple, Version 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600

```

TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 295:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-295

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 4.8e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 240 GGCTGCTTCCGGGCT 255
 DB 1 GCGUGCCUCCUGGACU 16

RESULT 627
 US-08-985-162-400/c
 ; Sequence 400, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; TITLE OF INVENTION: FACTOR RECEPTORS
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 400:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-400

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 32 CTGGACCAAGATGCC 47
 DB 17 CTGGAGGAAGGTGC 2

RESULT 628
 US-08-985-162-401/c
 ; Sequence 401, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; TITLE OF INVENTION: FACTOR RECEPTORS
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 401:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-401

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 32 CTGGACCAAGATGCC 47
 DB 16 CTGGAGGAAGGTGC 1

RESULT 629
 US-08-985-162-664/c
 ; Sequence 664, Application US/08985162
 ; Patent No. 6057156
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT

;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
;; TITLE OF INVENTION: FACTOR RECEPTORS
;; NUMBER OF SEQUENCES: 1877
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: LYON & LYON
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FASTSEQ for Windows 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/985,162
;; FILING DATE: -04 December 1997
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/036,476
;; FILING DATE: 31 January 1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 230/107
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 664:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-985-162-664

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 204 GTGAAGCAGAGAACT 219
Db 16 GTAAAGCAGAGAACT 1

RESULT 630
US-08-961-469A-3
; Sequence 3, Application US/08961469A
; Patent No. 6083923
; GENERAL INFORMATION:
; APPLICANT: Greg Hardee, Richard Geary, Arthur Levin,
; APPLICANT: Mike Tempin, Randy Howard, Rahul Mehta
; TITLE OF INVENTION: LIPIDOL OLGONUCLEOTIDE COMPOSITIONS
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,469A

FOR MO

;; FILING DATE: October 31, 1997
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0219
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-779-2400
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;; US-08-961-469A-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CGCGACGACGCGCGC 395
Db 1 CCACACCGACGCGCGC 16

RESULT 631
US-08-870-608-2
; Sequence 2, Application US/08870608
; Patent No. 6107094
; GENERAL INFORMATION:
; APPLICANT: Stanley T. Crooke
; TITLE OF INVENTION: Oligonucleotides And Ribonucleases For Cleaving
; TITLE OF INVENTION: RNA
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6107094-ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/870,608
; FILING DATE: 06-JUN-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-870-608-2

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 380 CCGGACGACGGCGCC 395
Db 1 CCACACGACGGCGCC 16

RESULT 632
US-09-128-494-3
; Sequence 3, Application US/09128494
; Patent No. 6117848
; GENERAL INFORMATION:
; APPLICANT: Monla, B.P., Cowseert, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/128,494
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/889,296
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,734
; FILING DATE: April 3, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/09346
; FILING DATE: October 1, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 958,134
; FILING DATE: October 5, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,996
; FILING DATE: January 21, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0213
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-128-494-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
Db 1 CCACACGACGGCGCC 16

RESULT 633
US-09-071-845-1701
; Sequence 1810, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1701:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1701

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 136 CCGCCTGCGCGTGA 151
Db 2 CCUGCCUGCGGGUGGA 17

RESULT 634
US-09-071-845-1810
; Sequence 1810, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan

```

```
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1810:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1810

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 212 AGAGAACTCGGTGCG 227
Db 1 AGAGGACUCGAGGGG 16

RESULT 635
US-09-144-611-1
; Sequence 1, Application US/09/144,611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829e1
; OTHER INFORMATION: Sequence
; US-09-144-611-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 637
US-09-144-611-3
; Sequence 3, Application US/09/144,611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829e1
; OTHER INFORMATION: Sequence
; US-09-144-611-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 637
US-09-144-611-3
; Sequence 3, Application US/09/144,611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829e1
; OTHER INFORMATION: Sequence
; US-09-144-611-3
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Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACGACGGCGCC 16

RESULT 638
US-09-144-611-4
; Sequence 4, Application US/09144611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829el
US-09-144-611-4

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACGACGGCGCC 16

RESULT 639
US-09-144-611-5
; Sequence 5, Application US/09144611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829el
US-09-144-611-5

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACGACGGCGCC 16

RESULT 640
US-09-144-611-6
; Sequence 6, Application US/09144611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829el
US-09-144-611-6

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACGACGGCGCC 16

RESULT 641
US-08-974-549A-362
; Sequence 362, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Merin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:

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DB 1 CCACACGACGGCGCC 16

RESULT 640
US-09-144-611-6
; Sequence 6, Application US/09144611A
; Patent No. 6146829
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; FILE REFERENCE: ISIS3153
; CURRENT APPLICATION NUMBER: US/09/144,611A
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 08/861,306
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6146829el
US-09-144-611-6

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGCGCC 395
DB 1 CCACACGACGGCGCC 16

RESULT 641
US-08-974-549A-362
; Sequence 362, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Merin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:

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APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 362:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-974-549A-362

```

```

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 403 TCTTCTACGTGATCGA 418
Db 2 TTTTAYGTNACNGA 17

```

```

RESULT 642
US-08-974-549A-363/C
Sequence 363, Application US/08974549A
Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-974-549A-363

```

```

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 403 TCTTCTACGTGATCGA 418
Db 16 TTTTAYGTNACNGA 1

```

```

RESULT 643
US-08-988-321B-26/c
Sequence 26, Application US/08988321B
Patent No. 6174868
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ

```



```

/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM COMPATIBLE
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/988,321B
/ FILING DATE: December 10, 1997
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/650,093
/ FILING DATE: May 17, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/452,841
/ FILING DATE: May 30, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/397,220
/ FILING DATE: March 9, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/945,289
/ FILING DATE: September 10, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0245
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (856) 810-1515
/ TELEFAX: (856) 810-1454
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-08-988-321B-26

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 262 CGGTGCACCTGGAGCA 277
DB 17 CGGTGCACCATGACCA 2

RESULT 644
US-09-192-657A-5/c
Sequence 5, Application US/09192657A
Patent No. 6177246
GENERAL INFORMATION:
APPLICANT: Monia et al.
TITLE OF INVENTION: Composition and Methods for
TITLE OF INVENTION: Modulating -Amyloid
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock
ADDRESSEE: Mackiewicz & No. 6177246ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/192,657A

```

```

/ FILING DATE: 16-NOV-1998
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/814,963
/ FILING DATE: 12/24/91
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul K. Legaard
/ REGISTRATION NUMBER: 38,534
/ REFERENCE/DOCKET NUMBER: ISIS-3301
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: Yes
/ US-09-192-657A-5

Query Match 2.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 85 CAGTGGACATCACCAC 100
DB 17 CAGTGGACATCACCAC 2

RESULT 645
US-08-928-213B-78
Sequence 78, Application US/08928213B
Patent No. 6238905
GENERAL INFORMATION:
APPLICANT: McHenry, Charles S.
Seville, Mark
Cull, Millard G.
TITLE OF INVENTION: NOVEL THERMOPHILIC POLYMERASE III
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,213B
FILING DATE: 12-Sep-1997
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: ENZYCO-02550
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-705-8410
TELEFAX: 415-397-8338
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 78:

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```
US-08-928-213B-78
Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 CGAGGCGCGCGCGTGTG 89
Db 2 CGAAGCGCGCGTGTGTG 17

RESULT 646
US-09-453-514A-1
; Sequence 1, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCE: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453,514A
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 09/144,611
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(17)
; OTHER INFORMATION: 2' - deoxy
US-09-453-514A-1

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 647
US-09-453-514A-2
; Sequence 2, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCE: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453,514A
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 09/144,611
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(9)
; OTHER INFORMATION: 2' - O-methyl

US-08-928-213B-78
Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 CGAGGCGCGCGCGTGTG 89
Db 2 CGAAGCGCGCGTGTGTG 17

RESULT 646
US-09-453-514A-1
; Sequence 1, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCE: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453,514A
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 09/144,611
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(17)
; OTHER INFORMATION: 2' - deoxy
US-09-453-514A-1

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 647
US-09-453-514A-2
; Sequence 2, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCE: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453,514A
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 09/144,611
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc feature
; LOCATION: (1)-(9)
; OTHER INFORMATION: 2' - O-methyl
US-09-453-514A-2

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGGCC 395
Db 1 CCACACGACGCGGCC 16

RESULT 649
US-09-453-514A-4
; Sequence 4, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCE: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453,514A
; CURRENT FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 09/144,611
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(7)
; OTHER INFORMATION: 2' - O-methyl
; NAME/KEY: misc feature
; LOCATION: (7)..(12)
; OTHER INFORMATION: 2' - deoxy
; NAME/KEY: misc_feature
; LOCATION: (12)..(17)
; OTHER INFORMATION: 2' - O-methyl
US-09-453-514A-4

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      380 CCGCGACGACGGCGCC 395
Db      1 CCACACGACGGCGCC 16

RESULT 650
US-09-453-514A-5
; Sequence 5, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCES: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453.514A
; PRIOR FILING DATE: 1999-12-01
; PRIOR FILING DATE: 09/144,611
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2' - O-methyl
; NAME/KEY: misc feature
; LOCATION: (6)..(13)
; OTHER INFORMATION: 2' - deoxy
; NAME/KEY: misc feature
; LOCATION: (13)..(17)
; OTHER INFORMATION: 2' - O-methyl
US-09-453-514A-5

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      380 CCGCGACGACGGCGCC 395
Db      1 CCACACGACGGCGCC 16

RESULT 651
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US-09-453-514A-6
; Sequence 6, Application US/09453514A
; Patent No. 6326199
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Gapped 2-Modified Oligonucleotides
; FILE REFERENCES: ISIS-4291
; CURRENT APPLICATION NUMBER: US/09/453.514A
; PRIOR FILING DATE: 1999-12-01
; PRIOR FILING DATE: 09/144,611
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6326199el Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(5)
; OTHER INFORMATION: 2' - O-methyl
; NAME/KEY: misc feature
; LOCATION: (5)..(14)
; OTHER INFORMATION: 2' - deoxy
; NAME/KEY: misc feature
; LOCATION: (14)..(17)
; OTHER INFORMATION: 2' - O-methyl
US-09-453-514A-6

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      380 CCGCGACGACGGCGCC 395
Db      1 CCACACGACGGCGCC 16

RESULT 652
US-08-829-637A-132
; Sequence 132, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE ai, aii, , k, n, AND ISOFORMS OF
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-132

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGGCC 395
Db 1 CCACACGACGGGCC 16

RESULT 653
US-08-584-040-3907/c
Sequence 3907, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3907:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3907

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 371 TTTCCTGACGGCGAC 386
Db 16 TTTCATGACCGCTGAC 1

RESULT 654
US-08-584-040-5899
Sequence 5899, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5899:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5899
;
; Query Match 2.6%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 68.8%; Pred. No. 4.8e+02;
; Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 198 TGCTCGGTGAAGCAG 213
DB 1 UGCCAGUAAGCAG 16

RESULT 655
US-08-584-040-7226
; Sequence 7226, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7324:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
;
; Query Match 2.6%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 68.8%; Pred. No. 4.8e+02;
; Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 337 ACCAGGCGCGTGCT 352
DB 1 ACCAUGGUCAGCUGCU 16

RESULT 656
US-08-584-040-7324
; Sequence 7324, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7324:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; US-08-584-040-7324
Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 239 AGGCTGTTCCCGGC 254
Db 1 AGACUGCUCACCGGC 16

RESULT 657
US-08-584-040-7501
; Sequence 7501, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7501:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7501

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 184 AGGACATATCCATG 199
Db 1 AGGAACAUAACACAG 16

; TOPOLOGY: linear
; US-08-584-040-7501
Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 239 AGGCTGTTCCCGGC 254
Db 1 AGACUGCUCACCGGC 16

RESULT 658
US-08-584-040-7750/c
; Sequence 7750, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7750:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7750

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 142 TGGCGGTGGAGCGG 157
Db 17 TGGAGGTGGAGTTCGG 2

RESULT 659
US-08-584-040-8022/c
; Sequence 8022, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

```

```

/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 8022:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-8022

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Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 289 AGCTGGTGAAGACCT 304
Db 16 AGCTGGAGGAGGACT 1

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RESULT 660
US-08-584-040-8023/c
/ Sequence 8023, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:

```

```

/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 8023:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-8023

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Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 286 CCAAGCTGCTGAAGGA 301
Db 17 CCTAGCTGGAGAGGA 2

```

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RESULT 661
US-08-584-040-8076/c
/ Sequence 8076, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8076:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8076

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 211 CAGAGACTCGGTGGC 226
Db 17 CAGAGATTAAAGTGGC 2

RESULT 662
US-08-679-645-70
; Sequence 70, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-70

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 378 GACCGCGACGCGCG 393
Db 1 GACGCGCGCGCGCG 16

RESULT 663
US-08-679-645-172
; Sequence 172, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```


US-08-679-645-172

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 386 CGACGGCGCCAGAG 401
DB 1 CGACGGCUACGAGAG 16

RESULT 664

US-08-679-645-203
; Sequence 203, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 203:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-203

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 280 GCGGACCAAGCTGT 295

DB 2 CGGCAUCAGGUGU 17

RESULT 665
US-09-248-386-3
; Sequence 3, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Freier, Susan M.
; APPLICANT: Sanghvi, Yogesh S.
; APPLICANT: Cook, Phillip D.
; APPLICANT: Ecker, David J.

; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; TITLE OF INVENTION: Alternating Oligonucleotides
; FILE REFERENCE: ISIS3350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence

US-09-248-386-3

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CGCGACGACGGCGCC 395

DB 1 CCACACCGACGGCGCC 16

RESULT 666

US-09-684-254-12/c
; Sequence 12, Application US/09684254
; Patent No. 6376661
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H Compositions and Uses Thereof
; FILE REFERENCE: ISPH-0333
; CURRENT APPLICATION NUMBER: US/09/684,254
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/203,716
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-684-254-12

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGGCC 395
Db 17 CCACACGACGGGCC 2

RESULT 667
US-08-650-093C-109/c
; Sequence 109, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESS: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,357
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:

LENGTH: 17
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 109:
US-08-650-093C-109

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 262 CCGTGCACCTGGAGCA 277
Db 17 CCGTGCACCATGAGCA 2

RESULT 668
US-09-135-202-1
; Sequence 1, Application US/09135202
; Patent No. 6399754
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-09-135-202-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCGACGACGGGCC 395
Db 1 CCACACGACGGGCC 16

RESULT 669
US-09-727-169-7/c
; Sequence 7, Application US/09727169

```
/ Patent No. 6406877
/ GENERAL INFORMATION:
/ APPLICANT: Black, Roy A.
/ APPLICANT: Rauch, Charles
/ APPLICANT: March, Carl J.
/ APPLICANT: Cerretti, Douglas P.
/ APPLICANT: Immunex Corporation
/ TITLE OF INVENTION: TNF-alpha Converting Enzyme
/ FILE REFERENCE: 2507-F
/ CURRENT APPLICATION NUMBER: US/09/727,169
/ CURRENT FILING DATE: 2000-11-29
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: mixed oligonucleotide primer
US-09-727-169-7

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AGGAGTGAACCTGCGG 20
   |||:|||||:|||||
Db 16 ARGATGIGATGIGG 1

RESULT 670
US-09-579-766A-7/c
/ Sequence 7, Application US/09579766A
/ Patent No. 6406901
/ GENERAL INFORMATION:
/ APPLICANT: Black, Roy A.
/ APPLICANT: Rauch, Charles
/ APPLICANT: March, Carl J.
/ APPLICANT: Cerretti, Douglas P.
/ APPLICANT: Immunex Corporation
/ TITLE OF INVENTION: TNF-alpha Converting Enzyme
/ FILE REFERENCE: 2507-B
/ CURRENT APPLICATION NUMBER: US/09/579,766A
/ CURRENT FILING DATE: 2000-05-26
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: mixed oligonucleotide primer
US-09-579-766A-7

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 5 AGGAGTGAACCTGCGG 20
   |||:|||||:|||||
Db 16 ARGATGIGATGIGG 1

RESULT 671
US-08-802-331-1
/ Sequence 1, Application US/08802331
/ Patent No. 6451991
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D.
/ APPLICANT: Monia, Brett
/ APPLICANT: Martin, Pierre
/ APPLICANT: Altman, Karl-Heinz
/ TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
```

```
/ FILE REFERENCE: ISNO0083
/ CURRENT APPLICATION NUMBER: US/08/802,331
/ CURRENT FILING DATE: 1997-02-11
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 1
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-1

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 380 CGCGACGACGCGCGC 395
   |||:|||||:|||||
Db 1 CCACACGACGCGCGCC 16

RESULT 672
US-08-912-951-129
/ Sequence 129, Application US/08912951
/ Patent No. 6475789
/ GENERAL INFORMATION:
/ APPLICANT: Cech, Thomas R.
/ APPLICANT: Lingner, Joachim
/ APPLICANT: Nakamura, Toru
/ APPLICANT: Chapman, Karen B.
/ APPLICANT: Morin, Gregg B.
/ APPLICANT: Harley, Calvin
/ APPLICANT: Andrews, William H.
/ TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
/ NUMBER OF SEQUENCES: 335
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, 8th Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States of America
/ ZIP: 94111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/912,951
/ FILING DATE: 14-AUG-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/854,050
/ FILING DATE: 09-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/851,843
/ FILING DATE: 06-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/846,017
/ FILING DATE: 25-APR-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/844,419
/ FILING DATE: 18-APR-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/724,643
/ FILING DATE: 01-OCT-1996
/ CLASSIFICATION: 435
```

ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 129:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-912-951-129

```
Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
```

RESULT 673
US-08-912-951-130/c
; Sequence 130, Application US/08912951
; Patent No. 6475789

APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/POCKET NUMBER: 015389-00260005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 130:

Query Match	2.6%	Score 11.2;	DB 1;	Length 17;
Best Local Similarity	62.5%;	Pred. No. 4.8e+02;		
Matches 10;	Conservative 3;	Mismatches 3;	Indels 0;	Gaps 0;

```

RESULT 574
US-09-673-809-45
; Sequence 45, Application US/09673809
; Patent No. 6528261
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for typing of HLA alleles.
; FILE REFERENCE: PCT99.86.HLA
; CURRENT APPLICATION NUMBER: US/09/673.809
; CURRENT FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 98870089.6
; PRIOR FILING DATE: 1998-04-20
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-673-809-45

```

```

RESULT 675
US-03-474-432B-399/c
/ Sequence 399, Application US/09474432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Burgin, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adams, Jasena
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphat
/ FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474-432B

```

```

; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-399

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 308 CCCCGGGGACCGGTG 323
    |||||
Db 16 CCCAGGCGACCGGTG 1

```

```

RESULT 676
US-09-474-432B-442/c
; Sequence 442, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 442
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-442

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 306 AGCCCGGGGACCGCG 321
    |||||
Db 17 AGCCCGGGGACCGCG 2

```

```

RESULT 677
US-09-474-432B-541/c
; Sequence 541, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:

```

```

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 541
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-541

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 44 TGGCCACCACCTCAGAG 59
    |||||
Db 16 TGGCCGACATTCAGAG 1

```

```

RESULT 678
US-09-474-432B-629/c
; Sequence 629, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-629

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

QY 73 ACCAGGCGCGCGAGT 88
 |||||
 Db 16 ACCAGGCGTGGCGAGT 1

RESULT 679

US-09-474-432B-681/c
 ; Sequence 681, Application US/09474432B
 ; Patent No. 6528640
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Burgin, Alex
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpelsky, Alex
 ; APPLICANT: Adamic, Jasenka
 ; APPLICANT: Sweedler, David
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
 ; FILE REFERENCE: W0800-831-B (247/276)
 ; CURRENT FILING DATE: 1999-12-19
 ; PRIOR APPLICATION NUMBER: US 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; PRIOR APPLICATION NUMBER: US 60/084,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: US 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: US 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; NUMBER OF SEQ ID NOS: 1526
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 681
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-474-432B-681

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 309 CCGGGGACCGCGTGC 324
 |||||
 Db 17 CCAGGCGACCGTGTGC 2

RESULT 680

US-09-389-283-1
 ; Sequence 1, Application US/09389283
 ; Patent No. 6531584
 ; GENERAL INFORMATION:
 ; APPLICANT: Phillip Dan Cook
 ; APPLICANT: A. Kawasaki
 ; TITLE OF INVENTION: 2'-Modified Oligonucleotides
 ; NUMBER OF SEQUENCES: 37
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: U.S.A.
 ; ZIP: 19103
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch disk, 720 Kb
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Wordperfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/389,283
 ; FILING DATE:
 ; CLASSIFICATION:

;; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/035,357
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Joseph Lucci
 ; REGISTRATION NUMBER: 33,307
 ; REFERENCE/DOCKET NUMBER: ISIS-2004
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 215-568-3100
 ; TELEFAX: 215-568-3439
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; ANTI-SENSE: Yes
 ; US-09-389-283-1

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGCGCGCC 395
 |||||
 Db 1 CCACACGACGCGCGCC 16

RESULT 681

US-09-726-968-7/c
 ; Sequence 7, Application US/09726968
 ; Patent No. 6553354
 ; GENERAL INFORMATION:
 ; APPLICANT: Black, Roy A.
 ; APPLICANT: Rauch, Charles
 ; APPLICANT: March, Carl J.
 ; APPLICANT: Cerretti, Douglas P.
 ; APPLICANT: Immunex Corporation
 ; TITLE OF INVENTION: TNF-alpha Converting Enzyme
 ; FILE REFERENCE: 2507-G
 ; CURRENT APPLICATION NUMBER: US/09/726,968
 ; CURRENT FILING DATE: 2000-11-29
 ; NUMBER OF SEQ ID NOS: 9
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 7
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: mixed oligonucleotide primer
 ; US-09-726-968-7

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 4.8e+02;
 Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 5 AGGAGTGAACCTGCGG 20
 |||||
 Db 16 ARGARTGYGATGYGG 1

RESULT 682

US-09-371-772B-1674/c
 ; Sequence 1674, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

```

; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1674
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1674

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.8%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      371 TTTCTGTGACCGGAC 386
      |||||
Db      16 TTTCTGTGACCGCTGAC 1

```

RESULT 683

```

US-09-371-772B-2738
; Sequence 2738, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2738
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2738

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 69.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      198 TGCTCGGTGAAGCAG 213
      :|||:
Db      1 UGCCAGAAAAGCAG 16

```

RESULT 684

```

US-09-371-772B-3040
; Sequence 3040, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)

```

```

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3040
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3040

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      337 ACCAGGCGCGCTGCT 352
      |||||
Db      1 ACCAUGGUCAGCUGCU 16

```

RESULT 685

```

US-09-371-772B-3133
; Sequence 3133, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3133
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3133

```

```

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      239 AGGCTGCTTCGGGCGC 254
      |||||
Db      1 AGACUGCUCCACGGGCGC 16

```

RESULT 686

```

US-09-371-772B-3307
; Sequence 3307, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

```

```

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3307
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3307

```

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels

Qy 184 AGGCATATCCACTG 199
||| ||| : ||| |
Db 1 AGGAACAUAACACAG 16

RESULT 687

```

US-09-371-772B-3534/C
; Sequence 3534, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: Levels of Vascular E
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14285
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3534
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3534

```

```
Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
```

Qy 142 TGGCGGTGAGGCCGG 157
||| ||| ||| |||
pb 17 TGGAGGTGGAGTTCGG 2

RESULT 688

```

RESULT 688
US-09-371-772B-3805/c
Sequence 3805, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for
TITLE OF INVENTION: Levels of Vascular E
FILE REFERENCE: MBH00, 876-J (237/199)
CURRENT APPLICATION NUMBER: US/09/371,772
CURRENT FILING DATE: 1999-08-10

```

```
, PRIOR APPLICATION NUMBER: US 60/005,974
,
, PRIOR FILING DATE: 1995-10-26
, PRIOR APPLICATION NUMBER: US 08/584,040
, PRIOR FILING DATE: 1996-01-08
, NUMBER OF SEQ ID NOS: 14225
, SOFTWARE: PatentIn version 3.0
, SEQ ID NO 3805
, LENGTH: 17
, TYPE: RNA
, ORGANISM: Mus sp.
US-09-371-772B-3805
```

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 289 AGCTGGTGAAGGACCT 304
|||
Db 16 AGCTGGAGAGGGAGCT 1

RESULT 689

US-09-371-772B-3806/c
 ; Sequence 3806, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McGswiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEHB00, 876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371, 772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005, 974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584, 040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3806
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3806

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 286 CCAAGCTGGTGAAGGA 301
Db 17 CCTAGCTGGAGAGGGA 2

RESULT 690

RES001. 050
US-09-371-772B-3859/c
; Sequence 3859, Application US/09371772B
; Patent NO. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,374

;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 3859
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Mus sp.
US-09-371-772B-3859

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CAGAGAACTCGGTGGC 226
DB 17 CAGAGAACTTAAGTGGC 2

RESULT 691
US-09-371-772B-4625/c
;; Sequence 4625, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Pavco, Pam
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MEH00,876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4625
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-4625

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 300 GACCTGAGCCCGGGG 315
DB 16 GATCTGAGGCTCGGG 1

RESULT 692
US-09-371-772B-5355
;; Sequence 5355, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Pavco, Pam
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MEH00,876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26

;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 5355
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-5355

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 295 TGAAGAGCCTGAGCCC 310
DB 1 UGUAGAACCUGAGCUC 16

RESULT 693
US-09-371-772B-6254
;; Sequence 6254, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Pavco, Pam
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MEH00,876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 6254
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-6254

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 4.8e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 158 CTTGAGCTGGGTGTAC 173
DB 2 CUUCACUGGGAAUAC 17

RESULT 694
US-09-371-772B-6955/c
;; Sequence 6955, Application US/09371772B
;; Patent No. 6566127
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyne Pharmaceuticals, Inc.
;; APPLICANT: Pavco, Pam
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: MEH00,876-J (237/198)
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; CURRENT FILING DATE: 1999-08-10
;; PRIOR APPLICATION NUMBER: US 60/005,974
;; PRIOR FILING DATE: 1995-10-26
;; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 6955
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-6955
 Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 63 TCTCTGCACCTACGAGG 78
 Db 16 TCCCTGCACCTACGAGG 1
 RESULT 695
 US-09-076-776-9/c
 ; Sequence 9, Application US/09076776
 ; Patent No. 6583333
 ; GENERAL INFORMATION:
 ; APPLICANT: Lowe, Scott W.
 ; APPLICANT: Wallace-Brodeur, Rachel R.
 ; TITLE OF INVENTION: TRANSGENIC MOUSE STRAINS AND METHODS FOR
 ; TITLE OF INVENTION: STUDYING DRUG SENSITIVITY OF LYMPHOMAS
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 ; STREET: Two Militia Drive
 ; CITY: Lexington
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02173
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/076,776
 ; FILING DATE: 12-MAY-1998
 ; CLASSIFICATION: 514
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Granahan, Patricia
 ; REGISTRATION NUMBER: 32,227
 ; REFERENCE/DOCKET NUMBER: CSHL98-01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 781-861-6240
 ; TELEFAX: 781-861-9540
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-09-076-776-9
 Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 335 CGACCAGGCGCGGCTG 350
 Db 17 CGACTGTGCGCGGCTG 2
 RESULT 696
 US-09-690-936-26/c
 ; Sequence 26, Application US/09690936
 ; Patent No. 6608191
 ; GENERAL INFORMATION:
 ; APPLICANT: Anderson, Kevin P.
 ; APPLICANT: Hanecak, Romie C.
 ; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
 ; TITLE OF INVENTION: Virus-Associated Disease
 ; FILE REFERENCE: ISPH-0517
 ; CURRENT APPLICATION NUMBER: US/09/690,936
 ; CURRENT FILING DATE: 2000-10-18
 ; PRIOR APPLICATION NUMBER: 08/988,321
 ; PRIOR FILING DATE: 1997-12-10
 ; PRIOR APPLICATION NUMBER: 08/650,093
 ; PRIOR FILING DATE: 1996-05-17
 ; PRIOR APPLICATION NUMBER: 08/452,841
 ; PRIOR FILING DATE: 1995-05-30
 ; PRIOR APPLICATION NUMBER: 08/397,330
 ; PRIOR FILING DATE: 1995-03-09
 ; PRIOR APPLICATION NUMBER: 07/945,289
 ; PRIOR FILING DATE: 1992-09-10
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: Patent in Ver. 2.1
 ; SEQ ID NO 26
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-09-690-936-26
 Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 262 CGGTGCACCTGGAGCA 277
 Db 17 CCGTGCACCTGGAGCA 2
 RESULT 697
 US-09-402-181B-362
 ; Sequence 362, Application US/09402181B
 ; Patent No. 6610839
 ; GENERAL INFORMATION:
 ; APPLICANT: Cech, Thomas R.
 ; Lingerer, Joachim
 ; Nakamura, Toru
 ; Chapman, Karen B.
 ; Morin, Gregg B.
 ; Harley, Calvin B.
 ; Andrews, William H.
 ; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
 ; NUMBER OF SEQUENCES: 633
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/402,181B
 ; FILING DATE: 29-Sep-1997
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/724,643
 ; FILING DATE: 01-OCT-1996
 ; APPLICATION NUMBER: US 08/844,419
 ; FILING DATE: 18-APR-1997
 ; APPLICATION NUMBER: US 08/846,017

```

; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausehus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 362:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 362:
US-09-402-181B-362
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 403 TCTTCTAGTGATCGA 418
|:|:|:|:|:|:|
Db 2 TTTTAYGTNACNGA 17

RESULT 698
US-09-402-181B-363/c
; Sequence 363, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-SEP-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419

; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausehus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 363:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 363:
US-09-402-181B-363
Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 403 TCTTCTAGTGATCGA 418
|:|:|:|:|:|:|
Db 16 TTTTAYGTNACNGA 1

RESULT 699
US-09-721-456-362
; Sequence 362, Application US/09721456
; Patent No. 6617110
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/721,456
; FILING DATE: 22-NOV-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A

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; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 398
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-398

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CCCCGGGGACCGCTG 323
DB 16 CCCAGGGCACCCTGTG 1

RESULT 702
US-09-476-387-441/c
; Sequence 441, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 441
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-441

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 AGCCCGGGGACCGCTG 321
DB 17 AGCCAGGGGCTCCGTG 2

RESULT 703
US-09-476-387-540/c
; Sequence 540, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 540
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-540

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 44 TGGCCACCACTCAGAG 59
DB 16 TGGCCGACATTCAGAG 1

RESULT 704
US-09-476-387-628/c
; Sequence 628, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 628
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-628

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 73 ACCAGGGCCCGCAGT 88
|||
Db 16 ACCAGGGCTGGCAGT 1

RESULT 705

US-09-476-387-680/c
; Sequence 680, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpiesky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-680

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 309 CCCGGGACCGCGTGC 324
|||
Db 17 CCAGGGCACCGTGTGC 2

RESULT 706

US-09-409-926-12/c
; Sequence 12, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: ISIS4186
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-12

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 380 CCGGACGACGGCGCC 395
|||
Db 17 CCACACCGACGGCGCC 2

RESULT 707

US-09-409-926-21/c
; Sequence 21, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: ISIS4186
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-21

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
|||
Db 17 CCACACCGACGGCGCC 2

RESULT 708

US-09-409-926-24
; Sequence 24, Application US/09409926
; Patent No. 6617442
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Lima, Walter F.
; APPLICANT: Wu, Hongjiang
; TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
; FILE REFERENCE: ISIS4186
; CURRENT APPLICATION NUMBER: US/09/409,926
; CURRENT FILING DATE: 1999-09-30
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-24

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGGACGACGGCGCC 395
|||
Db 1 CCACACCGACGGCGCC 16

RESULT 709

US-09-401-063-278/c
; Sequence 278, Application US/09401063
; Patent No. 6623962

```

; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 278:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-278

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. NO. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 372 TTCCTGGACCGCAGC 387
DB 17 TTCCTTGATAGCAGC 2

RESULT 710
US-09-401-063-295
; Sequence 295, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-295

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. NO. 4.8e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCGTCTTCCCGGCT 255
DB 1 GCGUGCCUCCUGGACU 16

RESULT 711
US-09-401-063-400/c
; Sequence 400, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-295

```

APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 400:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-400

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 32 CTGGGACGAGATGCC 47
|||||
Db 17 CTGGGAGGAGGTGC 2

RESULT 712

US-09-401-063-401/c
Sequence 401, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 401:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-401

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 32 CTGGGACGAGATGCC 47
|||||
Db 16 CTGGGAGGAGGTGC 1

RESULT 713

US-09-401-063-664/c
Sequence 664, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 664:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-664


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Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      204 GTGAAGCAGAGAACT 219
DB      16 GTAAAGGAGAAACT 1

RESULT 714
US-09-747-391-107
; Sequence 107, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: Stenocyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-107

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      136 CCCGCTGGCGTGGA 151
DB      2 CCGGCCCGCGAGTGA 17

RESULT 715
US-09-866-108A-572
; Sequence 572, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 573
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-573

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      276 CAGGGCGGCACCAAGC 291
DB      2 CAGTGGCAGACCAACC 17

RESULT 716
US-09-866-108A-573
; Sequence 573, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 573
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-573

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

Db      1  CAGTGGACCAACC 16

RESULT 717
US-09-866-108A-656
; Sequence 656, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 656
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-657

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      248  CCGGGCTCGGCCACG 263
Db      1  CCGGGACTCAGCCAAG 16

RESULT 719
US-09-866-108A-782/c
; Sequence 782, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 656
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-656

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      248  CCGGGCTCGGCCACG 263
Db      2  CCGGGACTCAGCCAAG 17

RESULT 718
US-09-866-108A-657
; Sequence 657, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

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;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 782
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-784

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 GAATCGTGGTGGCC 230
DB 17 GATCTCGTGTGGCC 2

RESULT 720
US-09-866-108A-784/c
;; Sequence 784 Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 784
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-784

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 214 AGAATCGTGGTGGCC 229
DB 16 AGATCTCGTGTGGCC 1

RESULT 721
US-09-866-108A-1015
;; Sequence 1015 Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 1015
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-1015

Query Match 2.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 207 AAAGCAGAGACTCGG 222
DB 1 AAAGCAGAGAGGAGG 16

RESULT 722
US-09-866-108A-1478/c
;; Sequence 1478 Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

QY 292 TGGTGAAGGACCTGAG 307
 Db 17 TGTTGCAGGACCTGGG 2

RESULT 725

US-09-866-108A-6326/c
 ; Sequence 6326, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6326

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6326

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 345 CGGCTGCTCTACAGG 360
 Db 17 CGGCTCTCTGCAGG 2

RESULT 726

US-09-866-108A-6327/c
 ; Sequence 6327, Application US/09866108A
 ; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6327

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6327

Query Match 2.6%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 4.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 345 CGGCTGCTCTACAGG 360
 Db 16 CGGCTCTCTGCAGG 1

RESULT 727

US-09-866-108A-6995/c
 ; Sequence 6995, Application US/09866108A
 ; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6995
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6996

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 373 TCCTGGACCGCAGCA 388
DB 17 TCCTTGACTCGCAGGA 2

RESULT 728
US-09-866-108A-6996/c
Sequence 6996 Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6996
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6996

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 373 TCCTGGACCGCAGCA 388
DB 16 TCCTTGACTCGCAGGA 1

RESULT 729
US-09-866-108A-7242/c
Sequence 7242 Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7242
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7242

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 366 CTCACCTTCTCTGGACC 381
DB 17 CTCACCTTCTCTGGACC 2

RESULT 730
US-09-866-108A-7243/c
Sequence 7243 Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng

```
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7243
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7243

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 366 CTCACCTTCCTGGACC 381
DB 16 CTCACCTTCCTGGACC 1

RESULT 731
US-09-866-108A-7701/c
; Sequence 7701, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7243
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7243
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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7701
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7701

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 336 GACCAGGGCGGCTGC 351
DB 17 GGCCTGGCGCAGCTGC 2

RESULT 732
US-09-866-108A-7702/c
; Sequence 7702, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7702
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7702

Query Match          2.6%; Score 11.2; DB 1; Length 17;
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8439
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8439

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred.No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      260 CACGCGCACCTGGAG 275
        |||||              |
Db       2 CACAGCGACCCTGGAG 17

RESULT 736
US-09-866-108A-8440
; Sequence 8440. Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8440
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8440
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; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8663

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 387 GACGGCCCAAGAGG 402
Db 1 GAGGAGCCCAAGAGG 16

RESULT 739
US-09-866-108A-8898/c
; Sequence 8898, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8663
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8898
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8898

Query Match          2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 GAACTCGGTGGCGCC 230
Db 17 GGACTCGGAGGTGGCC 2

RESULT 740
US-09-866-108A-8899/c
; Sequence 8899, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8899
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8899
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Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 GAACCTGGTGGCGGCC 230
Db 16 GGACTGGAGGTGGCC 1

RESULT 741
US-09-866-108A-8919/c
; Sequence 8919, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8919
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8919

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACGC 359
Db 17 CTGGCTGCTCTCCGC 2

RESULT 742
US-09-866-108A-8920/c
; Sequence 8920, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8920
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8920

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 CCGGCTGCTCTACGC 359
Db 16 CTGGCTGCTCTCCGC 1

RESULT 743
US-09-866-108A-9020
; Sequence 9020, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9020
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9020

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 289 AGCTGGTGAAGGACCT 304
|||||
Db 2 AGCTGGAGAGTACGT 17

RESULT 744
US-09-866-108A-9022
Sequence 9022, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866.108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9022
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-9022

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 290 GCTGGTGAAGGACCTG 305
|||||
Db 1 GCTGGAGAGTACGTG 16

RESULT 745
US-09-866-108A-9142
Sequence 9142, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866.108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9142
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9142

Query Match 2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 8 AGTGAAGTGGCGTGC 23
|||||
Db 2 AGTGATCTGAGAGTG 17

RESULT 746
US-09-866-108A-9143
Sequence 9143, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

```

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9143

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 AGTGAACTGGGGTG 23
DB 1 AGTGATCTGAGGTG 16

RESULT 747
US-09-866-108A-9777
; Sequence 9777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9143
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9143

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9777
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9777

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 27 GAGGCTGGGACGAAG 42
DB 2 GAGGTTGGGCAAG 17

RESULT 748
US-09-866-108A-9778
; Sequence 9778, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9778
; LENGTH: 17
; TYPE: DNA

```

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; ORGANISM: Homo sapiens
US-09-866-108A-9778

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 27 GAGGCTGGGAGCAAG 42
DB 1 GAGGTTGGGCAAG 16

RESULT 749
US-09-866-108A-9918/c
; Sequence 9918, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9920
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9920

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 71 CTAGAGGGCGCGCA 86
DB 16 CTAGAGGGGACTCGCA 1

RESULT 751
US-09-866-108A-10197/c
; Sequence 10197, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9918
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9918

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 72 TAGAGGGCGGCGCAG 87
DB 17 TAAGAGGGGACTCGCAG 2

RESULT 750
US-09-866-108A-9920/c
; Sequence 9920, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

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```
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10197
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-10197

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      27 GAGGCTGGGACGAG 42
DB      17 GATAGCTGGGAGGAG 2

RESULT 752
US-09-866-108A-10198/c
; Sequence 10198, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10198
; LENGTH: 17
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-10198

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      27 GAGGCTGGGACGAG 42
DB      16 GATAGCTGGGAGGAG 1

RESULT 753
PCT-US94-12947A-58
; Sequence 58, Application PC/TUS9412947A
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-36,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; PCT-US94-12947A-58

Query Match      2.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      116 CAGCAAGTACGGCATG 131
DB      2 CTGCATGTGGCGCATG 17

RESULT 754
PCT-US96-08407-7/c
; Sequence 7, Application PC/TUS9608407
; GENERAL INFORMATION:
; APPLICANT: Immunex Corporation
; TITLE OF INVENTION: TNF-a CONVERTING ENZYME
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
```

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; ADDRESS: Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple Operating System 7.5.2
; SOFTWARE: Microsoft Word for Apple, Version 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08407
; FILING DATE: 03-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: --to be assigned--
; FILING DATE: 23-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/504,614
; FILING DATE: 20-JUL-1995
; PRIOR APPLICATION DATA: 08/428,458
; FILING DATE: 8-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Malaska, Stephen L.
; REGISTRATION NUMBER: 32,655
; REFERENCE/DOCKET NUMBER: 2507-WO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 587-0430
; TELEFAX: (206) 233-0644
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; PCT-US96-08407-7

```

Query Match 2.6%; Score 11.2; DB 1; Length 17;

Best Local Similarity 62.5%; Pred. No. 4.8e+02;

Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 5 AGGAGTGAACCTCGG 20

Db 16 ACGATGYGAYTCYG 1

RESULT 755

```

; PCT-US96-08757A-11
; Sequence 11, Application PC/TUS9608757A
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals, Inc., et al.
; TITLE OF INVENTION: Oligonucleotides Having Phosphorothioate
; LINKAGES OF High Chiral Purity
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM-PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08757A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,967
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,597
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,447
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/466,692
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,966
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/470,129
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2298
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US96-08757A-11

```

Query Match 2.6%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 4.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 380 CCGCAGCAGCGCGCC 395

Db 1 CCACACGACGCGCC 16

RESULT 756

```

; US-09-717-847E-2/c
; Sequence 2, Application US/09717847E
; GENERAL INFORMATION:
; PATENT NO. 6461837
; APPLICANT: Yaver, Debbie S.
; APPLICANT: Bellini, Daniel Alan
; TITLE OF INVENTION: Methods For Producing A Polypeptide
; USING A Consensus Translational Initiator Sequence
; FILE REFERENCE: 5996.200-US
; CURRENT APPLICATION NUMBER: US/09/717,847E
; CURRENT FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: 09/451,503
; PRIOR FILING DATE: 1999-11-30
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Aspergillus oryzae
; US-09-717-847E-2

```

Query Match

2.6%; Score 11; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 292 TGGTGAAGGAC 302
 |||||
 DB 11 TGGTGAAGGAC 1

RESULT 757

US-08-137-701-14
 ; Sequence 14, Application US/08137701
 ; Patent No. 5596090
 ; GENERAL INFORMATION:
 ; APPLICANT: HOKZ, Glenn D
 ; APPLICANT: BRADLEY, Matthews O
 ; APPLICANT: WILLIAMS, Taffy J
 ; APPLICANT: LEE, Che-Hung
 ; TITLE OF INVENTION: ANTIGENSE OLIGONUCLEOTIDES DIRECTED
 ; AGAINST HUMAN VCAM-1 RNA
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Naval Medical Res. & Dev. Cmd.
 ; STREET: 8901 Wisconsin Ave.
 ; CITY: Bethesda
 ; STATE: Maryland
 ; COUNTRY: USA
 ; ZIP: 20889-5606
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/137,701
 ; FILING DATE:
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/918,256
 ; FILING DATE: 24-JUL-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Spevack, A. David
 ; REGISTRATION NUMBER: 24,743
 ; REFERENCE/DOCKET NUMBER: N.C. 75,775
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 295-6759
 ; TELEFAX: (202) 295-1022
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: YES
 ; US-08-137-701-14

Query Match 2.6%; Score 11; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 3.8e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 45 GGCCACCACCTC 55
 |||||
 DB 4 GGCCACCACCTC 14

RESULT 758

US-08-435-350-46
 ; Sequence 46, Application US/08435350
 ; Patent No. 5599704
 ; GENERAL INFORMATION:
 ; APPLICANT: James D. Thompson
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TREATMENT OF BREAST CANCER

NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 611 West Sixth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90017
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,350
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/936,531
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 197/245
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 14
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 ; US-08-435-350-46

Query Match 2.6%; Score 11; DB 1; Length 14;
 Best Local Similarity 90.9%; Pred. No. 3.8e+02;
 Matches 10; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGCCAGGAGTG 11
 |||||
 DB 2 GGCCAGGAGUG 12

RESULT 759

US-09-230-652-46/c
 ; Sequence 46, Application US/09230652A
 ; Patent No. 6537775
 ; GENERAL INFORMATION:
 ; APPLICANT: Tournier-Lasserre, Elisabeth
 ; APPLICANT: Joutel, Anne
 ; APPLICANT: Bousser, Marie-Germaine
 ; APPLICANT: Bach, Jean-Francois
 ; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
 ; THERAPEUTIC APPLICATION
 ; FILE REFERENCE: 03715.0048-00000
 ; CURRENT APPLICATION NUMBER: US/09/230,652A
 ; CURRENT FILING DATE: 1999-05-17
 ; EARLIER FILING DATE: 1996-08-01
 ; EARLIER FILING DATE: 1997-04-16
 ; EARLIER FILING DATE: 1997-04-16
 ; EARLIER FILING DATE: 1997-07-31
 ; NUMBER OF SEQ ID NOS: 163
 ; SOFTWARE: Patent in Ver. 2.1
 ; SEQ ID NO 46
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: primer

US-09-230-652-46

Query Match 2.6%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 AGGACCTGAGC 308

Db 13 AGGACCTGAGC 3

RESULT 760

US-09-874-601-72/c

; Sequence 72, Application US/09874601

; Patent No. 6632057

; GENERAL INFORMATION:

; APPLICANT: LEWIN, ALFRED S.

; APPLICANT: SHAW, LYNN C.

; APPLICANT: GRANT, MARIA B.

; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHODS OF RETINAL DISEASES

; FILE REFERENCE: 4300.014100

; CURRENT APPLICATION NUMBER: US/09/874,601

; PRIOR FILING DATE: 2001-05-01

; PRIOR APPLICATION NUMBER: 09/063,667

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/046,147

; PRIOR FILING DATE: 1997-05-09

; PRIOR APPLICATION NUMBER: 60/044,492

; PRIOR FILING DATE: 1997-04-21

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 72

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1..7)

; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE

US-09-874-601-72

Query Match

2.6%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 206 GAAAGCAGAGA 216

Db 11 GAAAGCAGAGA 1

RESULT 761

US-08-291-932A-350/c

; Sequence 350, Application US/08291932A

; Patent No. 5658780

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth G.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: NF-KB

; NUMBER OF SEQUENCES: 830

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: storage

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 350:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-291-932A-350

Query Match

2.6%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 4.2e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 CTGGAGCAGGG 280

Db 11 CTGGAGCAGGG 1

RESULT 762

US-08-050-073-140

; Sequence 140, Application US/08050073

; Patent No. 5567869

; GENERAL INFORMATION:

; APPLICANT: Apple, Raymond J.

; APPLICANT: Begovich, Ann B.

; APPLICANT: Bugawan, Teodorica L.

; APPLICANT: Erlich, Henry A.

; APPLICANT: Griffith, Robert L.

; APPLICANT: Scharf, Stephen J.

; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA

; TITLE OF INVENTION: Typing

; NUMBER OF SEQUENCES: 315

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Hoffmann-La Roche Inc.

; STREET: 340 Kingeland Street

; CITY: Nutley

; STATE: New Jersey

; COUNTRY: U.S.A.

; ZIP: 07110

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/050,073

; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Petry, Douglas A.

RESULT 764
US-09-496-694B-200
; Sequence 200, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29

Db 20 GAGGACCTGCTCAAGCTGC 2

RESULT 766

US-09-291-562-10/c

; Sequence 10, Application US/09291562

; Patent No. 6084152

; GENERAL INFORMATION:

; APPLICANT: Sang Soo Kwak

; APPLICANT: Jae-Whune Kim

; APPLICANT: Haeng-Soon Lee

; APPLICANT: Suk Yoon Kwon

; TITLE OF INVENTION: METHOD FOR PRODUCING TRANSGENIC CUCUMBER

; TITLE OF INVENTION: THAT PRODUCES HIGH LEVELS OF SUPEROXIDE DISMUTASE

; FILE REFERENCE: 118.1-US-01

; CURRENT APPLICATION NUMBER: US/09/291.562

; CURRENT FILING DATE: 1999-04-14

; EARLIER APPLICATION NUMBER: KS 98 13205

; EARLIER FILING DATE: 1998-04-14

; EARLIER APPLICATION NUMBER: KS 98 33947

; EARLIER FILING DATE: 1998-08-21

; EARLIER APPLICATION NUMBER: KS 99 11848

; EARLIER FILING DATE: 1999-04-06

; NUMBER OF SEQ ID NOS: 10

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 10

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Other nucleic acid (synthetic oligonucleotide)

US-09-291-562-10

Query Match 2.6%; Score 11; DB 1; Length 20;

Best Local Similarity 73.7%; Pred. No. 6.5e+02;

Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 16 TGCGGGTGACCGAGGGCTG 34

Db 20 TGCCCGTCACCGAGATCTG 2

RESULT 767

US-08-242-664-17

; Sequence 17, Application US/08242664

; Patent No. 5571937

; GENERAL INFORMATION:

; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Weil, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham

; STREET: 30 Rockefeller Plaza

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10112

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch 1.44Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.24

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/242.664

; FILING DATE: May 12, 1994

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: White, John P.

; REGISTRATION NUMBER: 28,678

; REFERENCE/DOCKET NUMBER: 44683

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-977-9550

; TELEFAX: 212-664-0525

US-08-242-664-17

Query Match 2.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 4.1e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 203 GGTGAAGCAGAGA 216

Db 1 GGAGAAAGCAGAGA 14

RESULT 768

US-08-484-138-17

; Sequence 17, Application US/08484138

; Patent No. 5652350

; GENERAL INFORMATION:

; APPLICANT: Watanabe, Kyoichi A.

; APPLICANT: Ren, Wu-Yun

; APPLICANT: Weil, Roger

; TITLE OF INVENTION: Complementary DNA and Toxins

; NUMBER OF SEQUENCES: 43

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Cooper & Dunham LLP

; STREET: 1185 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch 1.44Mb

; COMPUTER: IBM PC

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.24

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484.138

; FILING DATE: June 7, 1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: White, John P.

; REGISTRATION NUMBER: 28,678

; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-977-9550

; TELEFAX: 212-664-0525

US-08-484-138-17

Query Match 2.5%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 4.1e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 203 GGTGAAGCAGAGA 216

Db 1 GGAGAAAGCAGAGA 14

RESULT 769

US-08-998-099-340/c

; Sequence 340, Application US/08998099A

; Patent No. 6103890

```

; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-POS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 340
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-340

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```

Query Match 2.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 340 AGGCGCGCTGCTC 353
DB 14 AGGCGCGCTGCAC 1

```

```

RESULT 770
US-08-998-099-341/c
; Sequence 341, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-POS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 341
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-341

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 336 GACGAGGCGCGCT 349
DB 14 GACGAGGCGCGCT 1

```

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RESULT 771
US-08-998-099-349
; Sequence 349, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:

```

```

; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-POS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 349
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-349

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 288 AAGCTGGTGAAGGA 301
DB 1 AACCUGUGAAGGA 14

```

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RESULT 772
US-08-930-828A-28/c
; Sequence 28, Application US/08930828A
; Patent No. 6261768
; GENERAL INFORMATION:
; APPLICANT: TODD, Alison
; TITLE OF INVENTION: METHOD FOR AMPLIFYING SPECIFIC NUCLEIC
; TITLE OF INVENTION: ACID SEQUENCES
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
; STREET: 419 Seventh Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/930,828A
; FILING DATE: 16-JAN-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KORNBAU, Anne M.
; REGISTRATION NUMBER: 25,884
; REFERENCE/DOCKET NUMBER: TODD=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-930-828A-28

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 14;

```

Best Local Similarity 85.7%; Pred. No. 4.1e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 2;

QY 44 TGCCCACTCAG 57
|||
Db 14 TGACCTCCACTCAG 1

RESULT 773

US-09-328-174A-21
; Sequence 21, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kurth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 14
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-21

Query Match 2.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 239 AGGCTGCTCCCG 252
|||
Db 1 AGGCTGCTCCCG 14

RESULT 774

PCT-US95-06379-17
; Sequence 17, Application PC/TUS9506379
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; MEDIUM TYPE: 3.5 inch 1.44MB
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06379
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-17

Query Match 2.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 203 GGTGAAGCAGAGA 216
|||
Db 1 GGAGAAAGGAGAGA 14

RESULT 775

US-07-626-923A-11
; Sequence 11, Application US/07626923A
; GENERAL INFORMATION:
; APPLICANT: Yoshimura, Akihiko
; APPLICANT: Longmore, Gregory D.
; APPLICANT: Lodish, Harvey
; TITLE OF INVENTION: MUTANT EPO RECEPTOR AND USES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/626,923A
; FILING DATE: 13 December 1990
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WHI90-08
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; OTHER INFORMATION: /product= "Internal portion of
; OTHER INFORMATION: wild-type murine EPOR"
US-07-626-923A-11

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 132 CTGGCCCGCGTGC 145
|||
Db 1 CTGGCGCGCGGCGC 14

RESULT 776

```

US-08-355-824-3:
; Sequence 3, Application US/08355824
; Patent No. 5583023
; GENERAL INFORMATION:
; APPLICANT: CERUTTI, Martine
; APPLICANT: CROIZIER, Guy
; APPLICANT: CROIZIER, Liliane
; APPLICANT: DEVAUCHELLE, Gerard
; TITLE OF INVENTION: MODIFIED BACULOVIRUS, ITS PREPARATION
; TITLE OF INVENTION: PROCESS AND ITS APPLICATION AS A GENE EXPRESSION VECTOR
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Walter H. Dreger
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/355,824
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/908,189
; FILING DATE: 01-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-54434-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-355-824-3

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 309 CCCGGGGACCGCT 322
Db 1 CCCGGGGATCCCGT 14

RESULT 777
US-08-311-760A-235
; Sequence 235, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

US-08-311-760A-235
; Sequence 220, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:

```

```

; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,760A
; FILING DATE: September 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/155
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 235:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-760A-235

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 4.6e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 369 CACTTTCCTGGACC 381
Db 2 CACAUCCUGGCC 15

RESULT 778
US-08-182-968A-220/c
; Sequence 220, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:

```

NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 205/277
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 220:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-182-968A-220

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 4.6e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 76 AGGCGCGCAGTG 89
 |||||
 Db 14 AGGCAGAGCAGTG 1

RESULT 779
 US-08-182-968A-241
 ; Sequence 241, Application US/08182968A
 ; Patent No. 5610054
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; STATE: Los Angeles
 ; COUNTRY: California
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/182,968A
 ; FILING DATE: 13-JANUARY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: 14-MAY-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 205/277
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; INFORMATION FOR SEQ ID NO: 241:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-182-968A-241

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 4.6e+02;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 368 CACTTTCCTGGACC 381
 |||||
 Db 2 CACAGUCCUGGACC 15

RESULT 780
 US-08-182-968A-436
 ; Sequence 436, Application US/08182968A
 ; Patent No. 5610054
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; STATE: Los Angeles
 ; COUNTRY: California
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/182,968A
 ; FILING DATE: 13-JANUARY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: 14-MAY-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 205/277
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; INFORMATION FOR SEQ ID NO: 436:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-182-968A-436

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 4.6e+02;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 347 GCTGCTTACAGC 360
 |||||
 Db 2 GCGGCUCAUCG 15

RESULT 781
 US-08-291-932A-77/c
 ; Sequence 77, Application US/08291932A
 ; Patent No. 5658780
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth G.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: NF-KB

NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-77

Two

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 144 GGGTGGAGCGCGG 157
Db 14 GGGTGGAGCGCGG 1

RESULT 782
US-08-291-932A-90/c
Sequence 90, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-90

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 288 AGCTGCTGAAGGA 301
Db 14 AGCTGCTGAAGGA 1

RESULT 783

US-08-291-932A-102/c
Sequence 102, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

;; PRIOR APPLICATION DATA: including application Two
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/157
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-291-932A-102

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 207 AAAGCAGAGACTC 220
DB 14 AGAGCAGAGAGTC 1

RESULT 784
US-08-334-847-629
; Sequence 629, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwigen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolli, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 629:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-334-847-629

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 4.6e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 359 CGACTTCCTCACTT 372
DB 2 CAAUUCUCACUU 15

RESULT 785
US-08-363-240A-36/c
; Sequence 36, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwigen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Fape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-36

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 322 TGCTGGCGGCGGAC 335
DB 15 TGCTGGCGGCGGAC 2

```

RESULT 786
US-08-363-240A-79/c
; Sequence 79, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-79

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. NO. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 293 GGTGAAGCAGCTGA 306
Db 15 GGTGAAGGAGATGA 2

RESULT 787
US-08-363-240A-543/c
; Sequence 543, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION

```

```

; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 543:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-543

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. NO. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 322 TGCTGGCGCGGAC 335
Db 15 TGCTGGCGATGAC 2

RESULT 788
US-08-363-240A-605/c
; Sequence 605, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

```

```
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 499-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 605:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-605

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 293 GGTGAGGAGCTGA 306
Db 15 GGTGAGGAGATGA 2

RESULT 789
US-08-450-945-38
; Sequence 38, Application US/08450945
; Patent No. 5783383
; GENERAL INFORMATION:
; APPLICANT: Kondo, Kazuhiro
; APPLICANT: Mocarski, Edward S. Jr.
; TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS
; TITLE OF INVENTION: OF CYTOMEGALOVIRUS
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Avenue, Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,945
; FILING DATE: 23-MAY-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 8600-0157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
```

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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Sequence where +1 corresponds to nt
; Patent No. 5783383
; INDIVIDUAL ISOLATE: 171,256 on CMV AD169
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 0..1
; OTHER INFORMATION: /note= "between 0 and 1, where "+1"
; OTHER INFORMATION: corresponds to nt 171,256 on AD169"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 14...
; OTHER INFORMATION: /note= "after 14, "...
; US-08-450-945-38

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 204 GTGAAGCAGAGAA 217
Db 1 GTGACACAGAGAA 14

RESULT 790
US-08-795-788-10
; Sequence 10, Application US/08795788
; Patent No. 5795770
; GENERAL INFORMATION:
; APPLICANT: GABER, RICHARD F.
; TITLE OF INVENTION: GENETICALLY ENGINEERED EUKARYOTIC
; TITLE OF INVENTION: ORGANISM CAPABLE OF DETECTING THE EXPRESSION OF
; TITLE OF INVENTION: HETEROLOGOUS ION CHANNELS AND METHOD TO USE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TILTON, FALLON, LUNGUMUS & CHESTNUT
; STREET: 100 SOUTH WACKER DRIVE, SUITE 960, HARTFORD
; CITY: CHICAGO
; STATE: ILLINOIS
; COUNTRY: USA
; ZIP: 60606-4002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/795,788
; FILING DATE: 05-FEB-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/923,094
; FILING DATE: 31-JUL-1992
; APPLICATION NUMBER: US 07/874,846
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: FENTRESS, SUSAN B.
; REGISTRATION NUMBER: 31,327
; REFERENCE/DOCKET NUMBER: NU-9211CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/456-8000
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-795-788-10
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Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 AGTGAACCTGCGG 21
Db 2 AGTGAACCTGCGG 15

RESULT 791

US-08-292-620A-7/c
; Sequence 7, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-292-620A-7

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 155 CGCGTCGACTGG 168
Db 15 CAGCGTCGACTGG 2

RESULT 792

US-08-292-620A-20/c

; Sequence 20, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 20:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-292-620A-20

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 299 GGACCTGAGCCCG 312
Db 14 GGAACAGAGCCCG 1

RESULT 793

US-08-292-620A-71

; Sequence 71, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

two

two

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-71

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 4.6e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 357 AGCGAGTCTCTCAC 370
|||||:|||||
Db 1 AGCGAGTCTCTCAC 14

RESULT 794
US-08-292-620A-466
Sequence 466 Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 466:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-466

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 57 GAGGAGTCTCTGCA 70
|||||:|||||
Db 1 GAGGAGTCTCTGCA 14

RESULT 795
US-08-774-306A-220/c
Sequence 220 Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-220

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 76 AGGCGCGCGAGTG 89
Db 14 AGGCGAGAGCGATG 1

```

```

RESULT 796
US-08-774-306A-241
Sequence 241, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

```

```

REFERENCE/DOCKET NUMBER: 223/227
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 241:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-241

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 368 CACTTCTCTGGACC 381
Db 2 CACAGUCCUGGACC 15

```

```

RESULT 797
US-08-774-306A-436
Sequence 436, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 436:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-436

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```
QY 347 GCTGCTCTACAGC 360
|||:|||||
Db 2 GCGGCUCAUCC 15

RESULT 798
US-08-585-684B-248
; Sequence 248, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 15, 1996
; PRIOR APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-248

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 361 ACTTCCTCACTTC 374
|||:|||||
Db 1 ACUACCUCAUCC 14

RESULT 799
US-08-585-684B-2085
; Sequence 2085, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 15, 1996
; PRIOR APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-248

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 4.6e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 128 CATGCTGCCGCC 141
|||:|||||
Db 2 CAUGCUCGCCGCC 15

RESULT 800
US-08-774-310-235
; Sequence 235, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
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```

RESULT 804
US-8-147-592A-24
; Sequence 24, Application US/08147592A
; Patent No. 6096513
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I
; APPLICANT: Reisine, Terry
; APPLICANT: Yasuda, Kazuki
; TITLE OP INVENTION: Opioid Receptor Genes,
; TITLE OP INVENTION: Compositions and Methods,
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM Type: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #

```

; INFORMATION FOR SEQ ID NO: 29
: SEQUENCE CHARACTERISTICS.

; SOFTWARE: PatentIn Release #1.0, Version #1.25

STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/064,156A
 FILING DATE: April 21, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/774,306
 FILING DATE: December 26, 1996
 APPLICATION NUMBER: 08/182,968
 FILING DATE: January 13, 1994
 APPLICATION NUMBER: 07/882,888
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 234/083
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 436:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-064-156A-436

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 4.6e+02;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 347 GCTGCTCTACAGC 360
 DB 2 GCGGCUCUACAUG 15

RESULT 809
 US-09-071-845-7/c
 Sequence 7, Application US/09071845
 Patent No. 6132967
 GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage

COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-071-845-7

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 4.6e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 155 CGGCTTCGACTGGG 168
 DB 15 CAGCGTCGACTGGG 2

RESULT 810
 US-09-071-845-20/c
 Sequence 20, Application US/09071845
 Patent No. 6132967
 GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:
 CLASSIFICATION:

;; PRIOR APPLICATION DATA: US/08/292,620
;; APPLICATION NUMBER: 32,327
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 20:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-071-845-20
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 299 GGACCTGAGCCCG 312
Db 14 GGAACAGACCCCG 1
RESULT 811
US-09-071-845-71
; Sequence 71, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440

;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 71:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-071-845-71
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 4.6e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 357 AGCGACTTCCTCAC 370
Db 1 AGCGACUCCCCAC 14
RESULT 812
US-09-071-845-466
; Sequence 466, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 466:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-071-845-466

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 4.6e+02;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 57 GAGGAGTCTGCA 70
 |||||:|:|:
 DB 1 GAGGGGUCACGA 14

RESULT 813

US-08-988-321B-28/c
 ; Sequence 28, Application US/08988321B
 ; Patent No. 6174868
 ; GENERAL INFORMATION:
 ; APPLICANT: Kevin P. Anderson et al.
 ; TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
 ; NUMBER OF SEQUENCES: 37
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM COMPATIBLE
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/988,321B
 FILING DATE: December 10, 1997

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/650,093
 FILING DATE: May 17, 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/452,841
 FILING DATE: May 30, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/397,220
 FILING DATE: March 9, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/945,289
 FILING DATE: September 10, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0245
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (856) 810-1515
 TELEFAX: (856) 810-1454
 INFORMATION FOR SEQ ID NO: 28:

SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes

US-08-988-321B-28

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 4.6e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 GTGCACCTGGAGCA 277
 |||||:|:|:
 DB 15 GTGCACCATGAGCA 2

RESULT 814

US-09-038-073-248
 ; Sequence 248, Application US/09038073
 ; Patent No. 6194150
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/038,073

FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/585,684

FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 248:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-038-073-248

Query Match 2.5%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 57.1%; Pred. No. 4.6e+02;
 Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 361 ACTTCTCTACTTTC 374
 ||:|:|:|:|:
 DB 1 ACUACCUCACCUUC 14

RESULT 815

US-09-038-073-2085
 ; Sequence 2085, Application US/09038073
 ; Patent No. 6194150
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2085:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2085
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 128 CATGTCGCCGCC 141
DB 2 CAUGCUCGCCGCC 15
RESULT 816
US-08-976-161-38
Sequence 38, Application US/08976161
Patent No. 6194542
GENERAL INFORMATION:
APPLICANT: Kondo, Kazuhiro
APPLICANT: Mocaraki, Edward S. Jr.
TITLE OF INVENTION: LATENT TRANSCRIPTS AND PROMOTERS
TITLE OF INVENTION: OF CYTOMEGALOVIRUS
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSES: Dehlinger & Associates
STREET: 350 Cambridge Avenue, Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/976,161
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/450,945
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sholtz, Charles K.
REGISTRATION NUMBER: 38,615
REFERENCE/DOCKET NUMBER: 8600-0157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Sequence where +1 corresponds to nt
Patent No. 6194542
INDIVIDUAL ISOLATE: 171,256 on CMV AD169
FEATURE:
NAME/KEY: misc feature
LOCATION: 0..1
OTHER INFORMATION: /note= "between 0 and 1, where "+1"
OTHER INFORMATION: corresponds to nt 171,256 on AD169"
FEATURE:
NAME/KEY: misc feature
LOCATION: 14...
OTHER INFORMATION: /note= "after 14, "..."
US-08-976-161-38
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 204 GTGAAGCAGAGAA 217
DB 1 GTGACACAGAGAA 14
RESULT 817
US-09-275-850-30/c
Sequence 30, Application US/09275850A
Patent No. 6261774
GENERAL INFORMATION:
APPLICANT: Pagratis, Nikos
APPLICANT: Gold, Larry
APPLICANT: Shtatland, Timur
APPLICANT: Javornik, Brenda
TITLE OF INVENTION: Truncation SELEX Method
FILE REFERENCE: NEX 79
CURRENT APPLICATION NUMBER: US/09/275,850A
CURRENT FILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 351
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 30
LENGTH: 15
TYPE: RNA
ORGANISM: E. coli
US-09-275-850-30
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 138 CGCCTGGCGGTGGA 151
DB 14 CGCCTGGGTGCGA 1

RESULT 818
US-08-464-514-6
; Sequence 6, Application US/08464514
; Patent No. 6265173
; GENERAL INFORMATION:
; APPLICANT: EVANS, RONALD M.
; APPLICANT: MCKEOWN, MICHAEL B.
; APPLICANT: ORO, ANTHONY E.
; APPLICANT: SEGRAVES, WILLIAM A.
; APPLICANT: YAO, TSO-PANG
; TITLE OF INVENTION: MULTIMERIC FORMS OF MEMBERS OF THE
; TITLE OF INVENTION: STEROID/THYROID SUPERFAMILY OF RECEPTORS WITH THE
; TITLE OF INVENTION: ULTRASPIRACLE RECEPTOR
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: California
; COUNTRY: United States
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/464,514
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/907,908
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: P41 9321
; REFERENCE/DOCKET NUMBER:
; TELEPHONE: (619) 546-4737
; TELEFAX: (619) 546-9392
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-464-514-6
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 19 GGGTGACCGAGGCG 32
Db 1 GGGTGACCGAGGCG 14
RESULT 819
US-08-464-514-6
; Sequence 6, Application US/08464603
; Patent No. 6281330
; GENERAL INFORMATION:
; APPLICANT: EVANS, RONALD M.
; APPLICANT: MCKEOWN, MICHAEL B.
; APPLICANT: ORO, ANTHONY E.
; APPLICANT: SEGRAVES, WILLIAM A.
; APPLICANT: YAO, TSO-PANG
; TITLE OF INVENTION: MULTIMERIC FORMS OF MEMBERS OF THE
; TITLE OF INVENTION: STEROID/THYROID SUPERFAMILY OF RECEPTORS WITH THE
; TITLE OF INVENTION: ULTRASPIRACLE RECEPTOR
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PRETTY, SCHROEDER, BRUEGGEMANN & CLARK

STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: California
COUNTRY: United States
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/486,403
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/907,908
FILING DATE: 02-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: P41 9321
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 546-4737
TELEFAX: (619) 546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-486-403-6
Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 19 GGGTGACCGAGGCG 32
Db 1 GGGTGACCGAGGCG 14
RESULT 820
US-08-292-694A-24
; Sequence 24, Application US/08292694A
; Patent No. 6319686
; GENERAL INFORMATION:
; APPLICANT: BELL, GRAEME
; APPLICANT: REISING, TERRY
; APPLICANT: YASUDA, KAZUKI
; TITLE OF INVENTION: OPIOID RECEPTORS: COMPOSITIONS AND METHODS
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,694A
; FILING DATE: August 19, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/066,296
; FILING DATE: 20 May 1993
; CLASSIFICATION: 435
; APPLICATION NUMBER: 08/100,694
; FILING DATE: 30 July, 1993

CLASSIFICATION: 435
APPLICATION NUMBER: 08/147,592
FILING DATE: 5 NO. 6319686ember 1993
CLASSIFICATION: 435
APPLICATION NUMBER: PCT/US94/05747
FILING DATE: 20 MAY 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MARK B. WILSON
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:140/WIM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
TELEX: 79-0524
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-292-694A-24

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 127 GCATGCTGGCCGC 140
Db 2 GCATGCTGGCCGC 15

RESULT 821
US-09-322-478-38/c
Sequence 38, Application US/09322478
Patent No. 6331662
GENERAL INFORMATION:
APPLICANT: Wright, David A.
APPLICANT: Voytas, Daniel F.
TITLE OF INVENTION: Plant Retroelements and Methods Related Thereto
FILE REFERENCE: P-1065 ISURF Plant Retroelement
CURRENT APPLICATION NUMBER: US/09/322,478
CURRENT FILING DATE: 1998-05-28
EARLIER APPLICATION NUMBER: 60/087125
EARLIER FILING DATE: 1998-05-29
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 38
LENGTH: 15
TYPE: DNA
ORGANISM: Glycine max
US-09-322-478-38

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 383 CGACGACGGCGCCA 396
Db 14 CGGCAACGGCGCCA 1

RESULT 822
US-09-081-646-221/c
Sequence 221, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 221
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-221

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 364 TCCTCACTTTCCTG 377
Db 14 TCCTCACTTTCATG 1

RESULT 823
US-09-081-646-266/c
Sequence 266, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 266
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-266

Query Match 2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 292 TGGTGAAGGACCTG 305
Db 14 TGGAGAGGACATG 1

RESULT 824
US-09-081-646-745/c
Sequence 745, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871

```
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 745
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-745

Query Match      2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      292 TGGTGAAGGACCTG 305
      ||| ||||| |||
Db      14 TGGGAAGGACATG 1

RESULT 825
US-08-650-093C-111/c
; Sequence 111, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of
; HEPATITIS C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:

US-08-650-093C-111

Query Match      2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      264 GTGCACCTGGAGCA 277
      ||| ||||| |||
Db      15 GTGCACCATGAGCA 2
```

```
RESULT 826
US-07-672-530C-36
; Sequence 36, Application US/07672530C
; Patent No. 6492137
; GENERAL INFORMATION:
; APPLICANT: SUCOV, HENRY M
; APPLICANT: EVANS, RONALD M
; APPLICANT: UMESONO, KAZUHIKO
; TITLE OF INVENTION: RESPONSE ELEMENT COMPOSITIONS AND ASSAYS EMPLOYING SAME
; FILE REFERENCE: 088802/1552
; CURRENT APPLICATION NUMBER: US/07/672,530C
; CURRENT FILING DATE: 1991-03-19
; PRIOR APPLICATION NUMBER: 07/438,757
; PRIOR FILING DATE: 1989-11-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide; DNA response element
US-07-672-530C-36

Query Match      2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      19 GGGTGACCGAGGCG 32
      ||| ||||| |||
Db      1 GGGTGACCGGGGCG 14

RESULT 827
US-09-690-936-28/c
; Sequence 28, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191ak1, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-28

Query Match      2.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      264 GTGCACCTGGAGCA 277
```



```
RESULT 831
US-07-879-584A-10
; Sequence 10, Application US/07879584A
; Patent No. 5278298
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberatoz, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria Brunetti DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,584A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,717
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: .184191A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-879-584A-10

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      19 GGGTGACCGAGGCG 32
Db      2 GCGTGACCGAGGTC 15

RESULT 832
US-07-879-470A-10
; Sequence 10, Application US/07879470A
; Patent No. 5288845
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberatoz, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria Necatrix DNA
; TITLE OF INVENTION: Probes
```

```
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: 126 Lincoln Avenue
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
MEDIUM TYPE: storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.4
SOFTWARE: Microsoft Word 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/879,470A
FILING DATE: 19920512
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/706,351
FILING DATE: 29-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tribble, Jack L.
REGISTRATION NUMBER: 32,633
REFERENCE/DOCKET NUMBER: .184221A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-5321
TELEFAX: (908) 594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-879-470A-10

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      19 GGGTGACCGAGGCG 32
Db      2 GCGTGACCGAGGTC 15

RESULT 833
US-07-879-644A-10
; Sequence 10, Application US/07879644A
; Patent No. 5298613
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberatoz, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Eimeria Acervulina DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
```

RESULT 836
US-07-879-594A-10
; Sequence 10, Application US/07879594A
; Patent No. 549768
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevicz, M.

```

; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Bimeria Praecox DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,594A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,360
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: 184231A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-594A-10

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 19 GCGTGACCGAGGC 32
| |||||
Db 2 GCGTGACCGAGGC 15

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RESULT 837
US-07-879-469A-10
; Sequence 10, Application US/07879469A
; Patent No. 5563256
; GENERAL INFORMATION:
; APPLICANT: Chakraborty, P.R.
; APPLICANT: Dashkevich, M.
; APPLICANT: Elbrecht, A.
; APPLICANT: Feighner, S.D.
; APPLICANT: Liberator, P.A.
; APPLICANT: Profous-Juchelka, H.
; TITLE OF INVENTION: Bimeria Tenella DNA
; TITLE OF INVENTION: Probes
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: 126 Lincoln Avenue
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb
; MEDIUM TYPE: storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.4
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/879,469A
; FILING DATE: 19920512
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/706,362
; FILING DATE: 29-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Tribble, Jack L.
; REGISTRATION NUMBER: 32,633
; REFERENCE/DOCKET NUMBER: 184241A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-5321
; TELEFAX: (908) 594-4720
; TELEX: 138825
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-879-469A-10

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 19 GCGTGACCGAGGC 32
| |||||
Db 2 GCGTGACCGAGGC 15

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RESULT 838
US-08-152-621-24
; Sequence 24, Application US/08152621
; Patent No. 5652222
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA
; ADDRESSEE: & MONACO, P.C.
; STREET: 1800 Two Penn Center
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,621
; FILING DATE: No. 5652222ember 15, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CT.) 1

```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-8383
 TELEFAX: (215) 568-5549
 TELEX: NO. 56522228
 INFORMATION FOR SEQ ID NO: 24:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 Nucleotides
 TYPE: nucleic acid
 STRANDEDNESS: single stranded
 TOPOLOGY: linear
 US-08-152-621-24

Query Match 2.5%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 5.1e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 399 AAGGCTCTTCTACGT 412
 |||||
 Db 1 AAGGCTCTTCTCGT 14

RESULT 839
 US-08-527-060-15/c
 Sequence 15, Application US/08527060
 Patent No. 5834440

GENERAL INFORMATION:
 APPLICANT: Goldenberg, Tsvi
 APPLICANT: Tritz, Richard
 TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT
 AND/OR PREVENTION OF RESTENOSIS
 NUMBER OF SEQUENCES: 35
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED and BERRY
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98104-7092

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/527,060
 FILING DATE: 12-SEP-1995
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: McMasters, David D.
 REGISTRATION NUMBER: 33,963
 REFERENCE/DOCKET NUMBER: 480124.402C1

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-527-060-15

Query Match 2.5%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 85.7%; Pred. No. 5.1e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 337 ACCAGGCGCGGCTG 350
 |||||
 Db 14 ACCAGGACGGCGG 1

RESULT 840
 US-08-954-210-67

Sequence 67, Application US/08954210
 Patent No. 6043077
 GENERAL INFORMATION:
 APPLICANT: Barber, Jack R.
 APPLICANT: Welch, Peter J.
 APPLICANT: Tritz, Richard
 APPLICANT: Vei, Soopin
 APPLICANT: Yu, Mang
 TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
 NUMBER OF SEQUENCES: 73
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED and BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98104-7092

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/954,210
 FILING DATE: 20-OCT-1997
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: McMasters, David D.
 REGISTRATION NUMBER: 33,963
 REFERENCE/DOCKET NUMBER: 480124.403C1

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-954-210-67

Query Match 2.5%; Score 10.8; DB 1; Length 16;
 Best Local Similarity 78.6%; Pred. No. 5.1e+02;
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 250 CGGGCTCGGCACG 263
 |||||
 Db 2 CGGGGCGGGCAG 15

RESULT 841
 US-08-811-566-14/c
 Sequence 14, Application US/08811566
 Patent No. 6127116
 GENERAL INFORMATION:
 APPLICANT: Rice, Charles et al.
 TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
 AND USES THEREOF
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David A. Jackson, Esq.
 STREET: 411 Hackensack Ave, Continental Plaza, 4th
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/811,566
FILING DATE: 03-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1113-1-006
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-811-566-14

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 83 CGCAGTGGACATCA 96
Db 16 CGCATTGGCATCA 3

RESULT 842
US-08-811-566-17
Sequence 17, Application US/08811566
Patent No. 6127116
GENERAL INFORMATION:
APPLICANT: Rice, Charles et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
TITLE OF INVENTION: VIRUS (HCV) AND USES THEREOF
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/811,566
FILING DATE: 03-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1113-1-006
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-811-566-17

Query Match 2.5%; Score 10.8; DB 1; Length 16;

Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 88 TGGACATCACCACG 101
Db 3 TGGACGTCAACACG 16

RESULT 843
US-08-988-321B-27/c
Sequence 27, Application US/08988321B
Patent No. 6174888
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,321B
FILING DATE: December 10, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/650,093
FILING DATE: May 17, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0245
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-988-321B-27

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 264 GTGCACCTGGAGCA 277
Db 15 GTGCACCATGAGCA 2

RESULT 844
US-08-679-645-511/c
Sequence 511, Application US/08679645
Patent No. 6350934


```

; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 511:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-511

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 136 CCGCGCTGGCGTG 149
Db 15 CCTGCGCGCGGCG 2

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RESULT 845
US-08-679-645-517/c
; Sequence 517, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.

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; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-517

```

```

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 338 CCAGGCGCGGCTGC 351
Db 16 CCATGCGCGGCGGC 3

```

```

RESULT 846
US-08-679-645-535
; Sequence 535, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263

```

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1800
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 535:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-535

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 328 CGCGGCGACGACGAG 341
Db 1 CGCGGCGACGACGAG 14

RESULT 847
US-08-650-093C-110/c
Sequence 110, Application US/08650093C
Patent No. 6391542
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <Unknown>

```

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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-08-650-093C-110

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 264 GTGCACCTGGAGCA 277
Db 15 GTGCACCTGGAGCA 2

RESULT 848
US-09-034-756-14/c
Sequence 14, Application US/09034756
Patent No. 6392028
GENERAL INFORMATION:
APPLICANT: RICE, CHARLES et al.
TITLE OF INVENTION: FUNCTIONAL DNA CLONE FOR HEPATITIS C
VIRUS (HCV) AND USES THEREOF
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BLVD., SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,756
FILING DATE: 04-May-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 6029-4831
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

```



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; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26 DB 1; Length 16;
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7094
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7094

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 5.1e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 360 GACTTCTCTCACTTT 373
Db 3 GACUUCUGACCUU 16

RESULT 853
US-09-930-936-27/C
; Sequence 27, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191aki, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-27

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 264 GTGCACCTGGAGCA 277
Db 15 GTGCACCATGAGCA 2

RESULT 854
US-09-829-855-63
; Sequence 63, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10

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; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 63
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-63

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 172 ACTACGAGTCCCAAG 185
Db 1 ACTACGAGGCGCAAG 14

RESULT 855
US-09-787-069-10
; Sequence 10, Application US/09787069
; Patent No. 6627429
; GENERAL INFORMATION:
; APPLICANT: Danisco A/S
; APPLICANT: Christensen, Tove MIE
; APPLICANT: Pedersen, Anette A
; APPLICANT: Brunstedt, Jørn D
; APPLICANT: Mikkelsen, Jørn D
; TITLE OF INVENTION: Process
; FILE REFERENCE: P005380WO CTH
; CURRENT APPLICATION NUMBER: US/09/787,069
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: GB 9820195.7
; PRIOR FILING DATE: 1998-09-16
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-787-069-10

Query Match      2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 105 GACCGGACCGCAG 118
Db 3 GACAGCGACAGCAG 16

RESULT 856
US-09-479-005A-6
; Sequence 6, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473

```

;; PRIOR FILING DATE: 1997-09-22
;; NUMBER OF SEQ ID NOS: 1208
;; SOFTWARE: Patent in version 3.0
;; SEQ ID NO 6
;; LENGTH: 16
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-479-005A-6

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 74 CGAGGGCGCGCAG 87
Db 1 CGAGCGGGCGCAG 14

RESULT 857
PCT-US92-05035-24
; Sequence 24, Application PC/TUS9205035
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Gewirtz, Alan M.
; TITLE OF INVENTION: Selective Inhibition of
; TITLE OF INVENTION: Leukemic Cell Proliferation by bcr-abl
; TITLE OF INVENTION: Antisense Oligonucleotides
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of The Common-
; ADDRESSEE: wealth System of Higher Education
; STREET: 406 University Services Building
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/05035
; FILING DATE: 19920615
; CLASSIFICATION: 5.4
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/718,302
; FILING DATE: June 18, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/869,911
; FILING DATE: April 14, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-120 (CIP) 1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US92-05035-24

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 399 AAGGCTTCTACGT 412
Db 1 AAGGCTTCTACGT 412

RESULT 858
PCT-US93-07541-20
; Sequence 20, Application PC/TUS9307541
; GENERAL INFORMATION:
; APPLICANT: Calabretta, Bruno
; APPLICANT: Skorski, Tomasz
; TITLE OF INVENTION: Combination of
; TITLE OF INVENTION: Antineoplastic Agent and Antisense Oligonucleotide
; TITLE OF INVENTION: For Treatment of Cancer
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Temple University - Of The
; ADDRESSEE: Commonwealth System of Higher
; ADDRESSEE: Education; Thomas Jefferson
; ADDRESSEE: University
; STREET: 406 University Services Building;
; STREET: 11th & Walnut Streets
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19122; 19107
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/07541
; FILING DATE: 19930810
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 6056-166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: None
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US93-07541-20

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 399 AAGGCTTCTACGT 412
Db 1 AAGGCTTCTACGT 412

RESULT 859
5512667-1/c
; Patent No. 5512667
; APPLICANT: REED, MICHAEL W.; MEYER, RICH B.
; TITLE OF INVENTION: TRIFUNCTIONAL INTERMEDIATES FOR
; PREPARING 3'-TAILED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/12,896
; FILING DATE: 03-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 574,348

;
; FILING DATE: 28-AUG-1990
; APPLICATION NUMBER:
; FILING DATE:
; SEQ ID NO:1:
; LENGTH: 16
5512667-1

Query Match 2.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 33 TGGACGAGATGG 46
Db 16 TGTGACGACATGG 3

RESULT 860

US-08-584-040-7324/c
; Sequence 7324, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7324:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7324

Query Match 2.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 TGCACCTGGAGCAG 278

Db 17 TGCCCGTGGAGCAG 4

RESULT 861

US-09-371-772B-3133/c
; Sequence 3133, Application US/09371772B
; Patent No. 6586127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3133
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3133

Query Match 2.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 265 TGCACCTGGAGCAG 278

Db 17 TGCCCGTGGAGCAG 4

RESULT 862

US-09-143-212-29/c
; Sequence 29, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-29

Query Match 2.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 214 AGAAGCTGGTGGCG 227

Db 16 AGCACTCGGTGGCG 3

RESULT 863

US-09-033-936-40
; Sequence 40, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:

```
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; US-09-033-936-40

Query Match      2.5%; Score 10.8; DB 1; Length 20;
Best Local Similarity 85.7%; Pred. No. 6.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      270 CTGGAGCAGGGGGG 283
Db      1 CTGGAGCAGGAGG 14

RESULT 864
US-09-059-369-15/c
; Sequence 15, Application US/09059369
; Patent No. 6040156
; GENERAL INFORMATION:
; APPLICANT: KAWASAKI, TOSHISUKE
; APPLICANT: OKA, SHOGO
; TITLE OF INVENTION: DNA ENCODING GLUCURONYLTRANSFERASE
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; STREET: 1755 S. JEFFERSON
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/059,369
; FILING DATE: 14-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 9-127065
; FILING DATE: 16-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 9378-0002-0
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-3220
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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; DESCRIPTION: /desc = "SYNTHETIC DNA"
; US-09-059-369-15

Query Match      2.5%; Score 10.6; DB 1; Length 16;
Best Local Similarity 84.6%; Pred. No. 5.5e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      43 ATGGCCACCACTC 55
Db      15 ATGGCCACACBC 3

RESULT 865
US-09-371-772B-4170
; Sequence 4170, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Strinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 4170
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4170

Query Match      2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      241 GCTGCTTCCCGGCTCG 257
Db      1 GCGGGCUCGCGGCGUCG 17

RESULT 866
US-08-584-040-1463
; Sequence 1463, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Strinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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```

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1463:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1463

Query Match 2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6e+02;
Matches 12; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 310 CCGGGGACCGGTGCTG 326
Db 1 CCGGGGCTCGGGGCGAG 17

RESULT 867
US-09-371-772B-8
; Sequence 8, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Pam
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
;
US-09-371-772B-8

Query Match 2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6e+02;
Matches 12; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 310 CCGGGGACCGGTGCTG 326
Db 1 CCGGGGCTCGGGGCGAG 17

RESULT 868
```

```

US-07-783-861C-15/c
; Sequence 15, Application US/07783861C
; Patent No. 5460949
; GENERAL INFORMATION:
; APPLICANT: Saunders, Court A.
; APPLICANT: Wolf, Fred R.
; APPLICANT: Mukharji, Indrani
; TITLE OF INVENTION: A Method and Composition for Increasing
; TITLE OF INVENTION: the Accumulation of Squalene and Specific Sterols in
; TITLE OF INVENTION: Yeast
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amoco Corp., Patents and Licensing Dept.
; STREET: 200 East Randolph St.
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680-0703
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/783,861C
; FILING DATE: 19911028
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/613,380
; FILING DATE: 15-NOV-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Galloway, No. 5460949vall B.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 856-7180
; TELEFAX: 312 856-4972
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
US-07-783-861C-15

Query Match 2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 409 ACGTGATCGAGCGCG 425
Db 17 ACGTGATCGATCCCGG 1

RESULT 869
US-08-988-321B-26
; Sequence 26, Application US/08988321B
; Patent No. 6174868
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
```



```

CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/988,321B
  FILING DATE: December 10, 1997
CLASSIFICATION:
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 08/650,093
    FILING DATE: May 17, 1996
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 08/452,841
    FILING DATE: May 30, 1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 08/397,220
    FILING DATE: March 9, 1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 07/945,289
    FILING DATE: September 10, 1992
  ATTORNEY/AGENT INFORMATION:
    NAME: Jane Massey Licata
    REGISTRATION NUMBER: 32,257
    REFERENCE/DOCKET NUMBER: ISPH-0245
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (856) 810-1515
  TELEFAX: (856) 810-1454
  INFORMATION FOR SEQ ID NO: 26:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 17
      TYPE: nucleic acid
      STRANDEDNESS: Single
      TOPOLOGY: Linear
      ANTI-SENSE: Yes
US-08-988-321B-26

```

```

Query Match      2.5%  Score 10.6;  DB 1;  Length 17;
Best Local Similarity 76.5%;  Pred. No. 6e+02;
Matches 13;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

QY      264  GTGCACCTGGAGCAGG 280
          |||||
Db       1  GTGCTCATGGTGCACGG 17

```

RESULT 870
US-08-650-093C-109
; Sequence 109, Application US/08650093C
; Patent No. 6391542
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LICATA & TYRRELL P.C.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.1 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/650,093C
; FILING DATE: 17-May-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/452,841
; FILING DATE: May 30, 1995
; APPLICATION NUMBER: 08/397,220
; FILING DATE: March 9, 1995
; APPLICATION NUMBER: 07/945,289
; FILING DATE: September 10, 1992

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 109:
; US-08-650-093C-109
;
; Query Match 2.5%; Score 10.6; DB 1; Length 17;
; Best Local Similarity 76.5%; Pred. No. 6e+02;
; Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; QY 264 GTGCACCTGGAGCAGG 280
; | | | | | | | |
; Db 1 GTGCTCATGTGCACGG 17
;
; RESULT 871
; US-09-690-936-26
; ; Sequence 26, Application US/09590936
; ; Patent No. 6608191
; ; GENERAL INFORMATION:

```

```

RESULT 871
US-09-690-936-26
; Sequence 26, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hanecak, Ronnie C.
; APPLICANT: No. 6608191aki Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-690-936-26

```

```

Query Match          2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      264  GTGCACCTGGACGACGG 280
          |||||  |||||  |||
Db       1    GTGCTCATGTGTCACGG 17

RESULT 872
US-09-866-108A-7701
; Sequence 7701, Application US/09866108A
; Patent No. 6586188
; GENERAL INFORMATION

```

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Shaaron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
Patent No. 6866188
SEQ ID NO 7701
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7701

Query Match 2.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 265 TGCACCTGGAGCAGGC 281
|||||
Db 1 TGCAGCTGGCCAGGCC 17

RESULT 873
US-08-988-321B-25
Sequence 25, Application US/08988321B
Patent No. 6174868
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of Hepatitis C V
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1 FOR WINDOWS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/988,321B
FILING DATE: December 10, 1997

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/650,093
FILING DATE: May 17, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0245
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-988-321B-25

Query Match 2.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 GTGCACCTGGAGCAGGC 280
|||||
Db 1 GTGCATGCTGCACGC 17

RESULT 874
US-08-650-093C-108
Sequence 108, Application US/08650093C
Patent No. 6391542
GENERAL INFORMATION:
APPLICANT: Kevin P. Anderson et al.
TITLE OF INVENTION: Compositions And Methods For Treatment Of
Hepatitis C Virus-Associated Diseases
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: LICATA & TYRRELL P.C.
STREET: 66 E. Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/650,093C
FILING DATE: 17-May-1996
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/452,841
FILING DATE: May 30, 1995
APPLICATION NUMBER: 08/397,220
FILING DATE: March 9, 1995
APPLICATION NUMBER: 07/945,289
FILING DATE: September 10, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257

```

; REFERENCE/DOCKET NUMBER: ISPH-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 108:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 108:
US-08-650-093C-108

```

```

Query Match          2.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      264 GTGCACCTGGAGCAGG 280
Db      1 GTGCTCATGGTGACGG 17

```

RESULT 875

```

US-09-690-936-25
; Sequence 25, Application US/09690936
; Patent No. 6608191
; GENERAL INFORMATION:
; APPLICANT: Anderson, Kevin P.
; APPLICANT: Hancsak, Ronnie C.
; APPLICANT: No. 6608191ak1, Chikateru
; TITLE OF INVENTION: Compositions and Methods for Treatment of Hepatitis C
; TITLE OF INVENTION: Virus-Associated Disease
; FILE REFERENCE: ISPH-0517
; CURRENT APPLICATION NUMBER: US/09/690,936
; CURRENT FILING DATE: 2000-10-18
; PRIOR APPLICATION NUMBER: 08/988,321
; PRIOR FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: 08/650,093
; PRIOR FILING DATE: 1996-05-17
; PRIOR APPLICATION NUMBER: 08/452,841
; PRIOR FILING DATE: 1995-05-30
; PRIOR APPLICATION NUMBER: 08/397,330
; PRIOR FILING DATE: 1995-03-09
; PRIOR APPLICATION NUMBER: 07/945,289
; PRIOR FILING DATE: 1992-09-10
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-690-936-25

```

```

Query Match          2.5%; Score 10.6; DB 1; Length 18;
Best Local Similarity 76.5%; Pred. No. 6.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      264 GTGCACCTGGAGCAGG 280
Db      1 GTGCTCATGGTGACGG 17

```

RESULT 876

```

US-09-593-711A-40
; Sequence 40, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-40

```

```

Query Match          2.5%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      149 GGAGCGCGCTTCGACT 165
Db      3 GAAGCCCGCTCGGCT 19

```

RESULT 877

```

US-09-668-313A-71/C
; Sequence 71, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-71

```

```

Query Match          2.5%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      192 ATCCACTGCTCGTGAA 208
Db      17 ATGCACCTACTTGTGAA 1

```

RESULT 878

```

US-09-601-812A-9
; Sequence 9, Application US/09601812A
; Patent No. 6583230
; GENERAL INFORMATION:
; APPLICANT: Jepson, Ian
; APPLICANT: Daly, Allan
; APPLICANT: Knight, Mary Elizabeth
; APPLICANT: Bayliss, Michael William
; TITLE OF INVENTION: Hybrid Seed Production
; FILE REFERENCE: 109846-173 (SYN-0065)
; CURRENT APPLICATION NUMBER: US/09/601,812A
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/GB99/00238
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: GB 9803659.3
; PRIOR FILING DATE: 1998-02-20
; PRIOR APPLICATION NUMBER: GB 9805669.0
; PRIOR FILING DATE: 1998-03-17
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0

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; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-601-812A-9

Query Match          2.5%; Score 10.6; DB 1; Length 20;
Best Local Similarity 76.5%; Pred. No. 7.4e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 217 ACTCGTGGCGGCCAAA 233
Db 4 ATTCGGCGCGCCGCGAA 20

RESULT 879
US-07-972-387-68
; Sequence 68, Application US/07972387
; Patent No. 5451859
; GENERAL INFORMATION:
; APPLICANT: Morishita, Hideaki
; APPLICANT: Kanamori, Toshinori
; APPLICANT: No. 5451659uhara, Masahiro
; TITLE OF INVENTION: Polypeptide, DNA Fragment Encoding the
; TITLE OF INVENTION: Same, Drug Composition Containing the Same and Process for
; TITLE OF INVENTION: Producing the Same
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESS: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/972,387
; FILING DATE: 19921105
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-124P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..12 /label= 5' extension
; OTHER INFORMATION: /note= "preferable additional amino terminal
; OTHER INFORMATION: codons for peptide protease inhibitors"
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12 /product= "amino terminal addition"
; OTHER INFORMATION:
; OTHER INFORMATION: /note= "preferable amino acids to be added to

; OTHER INFORMATION: amino terminus of peptide protease inhibitors"
US-07-972-387-68

Query Match          2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 GACGAGCGCGCC 395
Db 1 GACGAGCGCGCC 12

RESULT 880
US-08-035-928-14/c
; Sequence 14, Application US/08035928
; Patent No. 5538844
; GENERAL INFORMATION:
; APPLICANT: Duyao, Mabel P.
; APPLICANT: MacDonald, Marcy E.
; APPLICANT: Guseella, James F.
; TITLE OF INVENTION: A No. 5538844el Transport Protein Gene from
; TITLE OF INVENTION: the Huntington's Disease Region
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Avenue N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/035,928
; FILING DATE: 19930323
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: both
; TOPOLOGY: linear
; US-08-035-928-14

Query Match          2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 303 CTGAGCGCGCGG 314
Db 12 CTGAGCGCGTGGG 1

RESULT 881
US-08-431-412-68
; Sequence 68, Application US/08431412
; Patent No. 5589360
; GENERAL INFORMATION:
; APPLICANT: Morishita, Hideaki
; APPLICANT: Kanamori, Toshinori
; APPLICANT: No. 5589360uhara, Masahiro
; TITLE OF INVENTION: Polypeptide, DNA Fragment Encoding the
; TITLE OF INVENTION: Same, Drug Composition Containing the Same and Process for
; TITLE OF INVENTION: Producing the Same
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
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Wed Apr 21 12:58:24 2004

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; ADDRESSES: Birch, Stewart, Kolasch & Birch
; STREET: 301 N. Washington St.
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/431.412
; FILING DATE: 28-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/972,387
; FILING DATE: 05-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-124P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12
; OTHER INFORMATION: /label= 5' extension
; OTHER INFORMATION: /note= "preferable additional amino terminal
; OTHER INFORMATION: codons for peptide protease inhibitors"
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12
; OTHER INFORMATION: /product= "amino terminal addition"
; OTHER INFORMATION: /note= "preferable amino acids to be added to
; OTHER INFORMATION: amino terminus of peptide protease inhibitors"
; US-08-431-412-68
;
; Query Match 2.4%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 3.7e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; Qy 384 GACGACGCGGCC 395
; Db 1 GACGACGCGGCC 12
;
; RESULT 882
; US-08-057-971-68
; Sequence 68, Application US/08057971
; Patent No. 5679770
; GENERAL INFORMATION:
; APPLICANT: Morishita, Hideaki
; APPLICANT: Kanamori, Toshinori
; APPLICANT: No. 5679770uhara, Masahiro
; TITLE OF INVENTION: Polypeptide, DNA Fragment Encoding the
; TITLE OF INVENTION: Same, Drug Composition Containing the Same and Process for
; TITLE OF INVENTION: Producing the Same
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747

```

```

; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22046-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/057,971
; FILING DATE: 06-MAY-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-129P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; TELEX:
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12
; OTHER INFORMATION: /label= 5' extension
; OTHER INFORMATION: /note= "preferable additional amino terminal
; OTHER INFORMATION: codons for peptide protease inhibitors"
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..12
; OTHER INFORMATION: /product= "amino terminal addition"
; OTHER INFORMATION: /note= "preferable amino acids to be added to
; OTHER INFORMATION: amino terminus of peptide protease inhibitors"
; US-08-057-971-68
;
; Query Match 2.4%; Score 10.4; DB 1; Length 12;
; Best Local Similarity 91.7%; Pred. No. 3.7e+02;
; Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; Qy 384 GACGACGCGGCC 395
; Db 1 GACGACGCGGCC 12
;
; RESULT 883
; US-08-547-214-17/c
; Sequence 17, Application US/08547214
; Patent No. 5871697
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John
; TITLE OF INVENTION: Method for the Determination and
; TITLE OF INVENTION: Classification of DNA Sequences in a Sample Without
; TITLE OF INVENTION: Sequencing
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/547,214
FILING DATE: 24-OCT-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7934-015-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)-790-9090
TELEFAX: (212)-869-8864
TELEX: 66441 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-547-214-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 884
US-08-663-823B-17/c
Sequence 17, Application US/08663823B
Patent No. 5972693
GENERAL INFORMATION:
APPLICANT: Rothberg, Jonathan
APPLICANT: Deem, Michael
APPLICANT: Simpson, John
TITLE OF INVENTION: METHOD AND APPARATUS FOR IDENTIFYING,
CLASSIFYING OR QUANTIFYING DNA SEQUENCES IN A SAMPLE
TITLE OF INVENTION: WITHOUT SEQUENCING
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESS: Pennie and Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/547,214
FILING DATE: 14-June-1996
CLASSIFICATION: 422
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7934-033
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-663-823B-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 885
US-08-942-406-17/c
Sequence 17, Application US/08942406
Patent No. 6141657
GENERAL INFORMATION:
APPLICANT: Rothberg, Jonathan
APPLICANT: Deem, Michael
APPLICANT: Simpson, John
TITLE OF INVENTION: Method for the Determination and
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESS: Pennie and Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/942,406
FILING DATE: 01-Oct-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/547,214
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7934-015-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)-790-9090
TELEFAX: (212)-869-8864
TELEX: 66441 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-08-942-406-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 886
US-09-322-617-17/c

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; Sequence 17, Application US/09322617
; Patent No. 6231812
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John
; TITLE OF INVENTION: Method for the Determination and
; TITLE OF INVENTION: Classification of DNA Sequences in a Sample Without
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/322,617
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/547,214
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7934-015-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)-790-9090
; TELEFAX: (212)-869-8864
; TELEX: 66441 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-322-617-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 887
US-09-281-418-130
; Sequence 130, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
; TITLE OF INVENTION: Method of Assaying Microorganisms, Method of Analyzing Mi
; TITLE OF INVENTION: Agent, Method of Assaying Microorganisms, Method of Assaying Mi
; TITLE OF INVENTION: Agents and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 130
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; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-281-418-130

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 TATCCACTGCTC 202
Db 1 TATCCACCGCTC 12

RESULT 888
US-08-679-493A-83/c
; Sequence 83, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 83
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-08-679-493A-83

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTGGAGCAGGG 280
Db 12 CCTGGGCGAGGG 1

RESULT 889
US-09-203-231B-21/c
; Sequence 21, Application US/09203231B
; Patent No. 6355423
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan M
; APPLICANT: Nallur, Girish N
; APPLICANT: Hu, Xinghua
; TITLE OF INVENTION: Methods and Devices for Measuring
; TITLE OF INVENTION: Differential Gene Expression
; FILE REFERENCE: 7934-052
; CURRENT APPLICATION NUMBER: US/09/203,231B
; CURRENT FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: 60/105,305
; PRIOR FILING DATE: 1997-12-03
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-203-231B-21

Query Match 2.4%; Score 10.4; DB 1; Length 12;
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Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 890
US-09-751-561-17/c
; Sequence 17, Application US/09751561
; Patent No. 6418382
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John
; TITLE OF INVENTION: Method for the Determination and
; TITLE OF INVENTION: Classification of DNA Sequences in a Sample Without
; TITLE OF INVENTION: Sequencing
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/751,561
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/547,214
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7934-015-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)-790-9090
; TELEFAX: (212)-869-8864
; TELEX: 66441 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-751-561-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 891
US-09-724-385-17/c
; Sequence 17, Application US/09724385
; Patent No. 6432361
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John

Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 892
US-09-757-528-17/c
; Sequence 17, Application US/09757528
; Patent No. 6453245
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John
; TITLE OF INVENTION: Method for the Determination and
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/757,528
; FILING DATE: 10-Jan-2001
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US-09-724-385-17
; TITLE OF INVENTION: Method for the Determination and
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/724,385
; FILING DATE: 28-No. 6432361-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/322,617
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7934-015-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)-790-9090
; TELEFAX: (212)-869-8864
; TELEX: 66441 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-724-385-17

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
Db 12 TCGACAGCGACT 1

RESULT 892
US-09-757-528-17/c
; Sequence 17, Application US/09757528
; Patent No. 6453245
; GENERAL INFORMATION:
; APPLICANT: Rothberg, Jonathan
; APPLICANT: Deem, Michael
; APPLICANT: Simpson, John
; TITLE OF INVENTION: Method for the Determination and
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie and Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/757,528
; FILING DATE: 10-Jan-2001
```



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; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/547,214
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7934-015-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)-790-9090
; TELEFAX: (212)-869-8864
; TELEX: 66441 PENNIE
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-757-528-17
Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 352 TCTACAGCGACT 363
DB 12 TCACAGCGACT 1

RESULT 893
US-09-574-117A-32/c
; Sequence 32, Application US/09574117A
; Patent No. 6620584
; GENERAL INFORMATION:
; APPLICANT: Chee, Mark
; APPLICANT: Walt, David R.
; TITLE OF INVENTION: Combinatorial Decoding of Random Nucleic Acid Arrays
; FILE REFERENCE: A-67498-1
; CURRENT APPLICATION NUMBER: US/09/574,117A
; CURRENT FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/135,052
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic.
US-09-574-117A-32

Query Match 2.4%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 309 CCGCGGGACGCG 320
DB 12 CCAGGGGACGCG 1

RESULT 894
US-08-441-887A-232/c
; Sequence 232, Application US/08441887A
; Patent No. 5837832
; GENERAL INFORMATION:
; APPLICANT: Chee, Mark
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Fodor, Stephen P.A.
; APPLICANT: Huang, Xichua X.
; APPLICANT: Hubbell, Earl A.

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; APPLICANT: Lipshutz, Robert J.
; APPLICANT: Lobban, Peter E.
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Sheldon, Edward L.
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes on
; TITLE OF INVENTION: Biological Chips
; NUMBER OF SEQUENCES: 360
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/441,887A
; FILING DATE: 16-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/143,312
; FILING DATE: 26-OCT-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/082,937
; FILING DATE: 25-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joseph O.
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-004160US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-326-2400
; TELEFAX: 650-326-2422
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (probe)
; MOLECULE TYPE: DNA (probe)
US-08-441-887A-232
Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 118 GCAAGTACGGCA 129
DB 13 GCAAGTACGGCA 2

RESULT 895
US-08-883-920-6
; Sequence 6, Application US/08883920
; Patent No. 5972705
; GENERAL INFORMATION:
; APPLICANT: Fournier, Maurille J.
; APPLICANT: Ni, Jingwei
; TITLE OF INVENTION: SEQUENCE-SPECIFIC METHYLATION OF RIBONUCLEIC
; FILE REFERENCE: 07880/005001
; CURRENT APPLICATION NUMBER: US/08/883,920
; CURRENT FILING DATE: 1997-06-27
; EARLIER APPLICATION NUMBER: US 60/020,840
; EARLIER FILING DATE: 1996-06-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 13
; TYPE: RNA

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/ ORGANISM: Yeast 188
US-08-883-920-6

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 9 GTGAACCTCGCG 20
   |||||:||||
Db 2 GUGAACCGCGG 13

RESULT 896
US-09-306-653-28
; Sequence 28, Application US/09306653
; Patent No. 6600026
; GENERAL INFORMATION:
; APPLICANT: Bamdad, Cynthia C.
; APPLICANT: Yu, Changjun
; TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
; TITLE OF INVENTION: Utilizing Monolayers
; FILE REFERENCE: A66343-1/RFT/RMS
; CURRENT APPLICATION NUMBER: US/09/306,653
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: 60/084,652
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 60/084,509
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/135,183
; EARLIER FILING DATE: 1998-08-17
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-28

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCAAGG 186
   |||||:|||||
Db 1 ACGAGTCCAATGG 12

RESULT 897
US-09-306-653-30
; Sequence 30, Application US/09306653
; Patent No. 6600026
; GENERAL INFORMATION:
; APPLICANT: Bamdad, Cynthia C.
; APPLICANT: Yu, Changjun
; TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
; TITLE OF INVENTION: Utilizing Monolayers
; FILE REFERENCE: A66343-1/RFT/RMS
; CURRENT APPLICATION NUMBER: US/09/306,653
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: 60/084,652
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 60/084,509
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/135,183
; EARLIER FILING DATE: 1998-08-17
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-30

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCAAGG 186
   |||||:|||||
Db 1 ACGAGTCCAATGG 12

RESULT 898
US-09-306-653-34
; Sequence 34, Application US/09306653
; Patent No. 6600026
; GENERAL INFORMATION:
; APPLICANT: Bamdad, Cynthia C.
; APPLICANT: Yu, Changjun
; TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
; TITLE OF INVENTION: Utilizing Monolayers
; FILE REFERENCE: A66343-1/RFT/RMS
; CURRENT APPLICATION NUMBER: US/09/306,653
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: 60/084,652
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 60/084,509
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/135,183
; EARLIER FILING DATE: 1998-08-17
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-34

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCAAGG 186
   |||||:|||||
Db 1 ACGAGTCCAATGG 12

RESULT 899
US-09-306-653-36
; Sequence 36, Application US/09306653
; Patent No. 6600026
; GENERAL INFORMATION:
; APPLICANT: Bamdad, Cynthia C.
; APPLICANT: Yu, Changjun
; TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
; TITLE OF INVENTION: Utilizing Monolayers
; FILE REFERENCE: A66343-1/RFT/RMS
; CURRENT APPLICATION NUMBER: US/09/306,653
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: 60/084,652
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 60/084,509
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/135,183
; EARLIER FILING DATE: 1998-08-17
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 36
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-36

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCAAGG 186
   |||||:|||||
Db 1 ACGAGTCCAATGG 12
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-36

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAGG 186
| | | | | | | | | | | | |
Db 1 ACGAGTCCCATGG 12

RESULT 900
US-09-306-653-42
Sequence 42, Application US/09306653
Patent No. 6600026
GENERAL INFORMATION:
APPLICANT: Bamdad, Cynthia C.
TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
TITLE OF INVENTION: Utilizing Monolayers
FILE REFERENCE: A6343-1/RPT/RMS
CURRENT APPLICATION NUMBER: US/09/306,653
CURRENT FILING DATE: 1999-05-06
EARLIER APPLICATION NUMBER: 60/084,652
EARLIER FILING DATE: 1998-05-06
EARLIER APPLICATION NUMBER: 60/084,509
EARLIER FILING DATE: 1998-05-06
EARLIER APPLICATION NUMBER: 09/135,183
EARLIER FILING DATE: 1998-08-17
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-42

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAGG 186
| | | | | | | | | | | | |
Db 1 ACGAGTCCCATGG 12

RESULT 901
US-09-306-653-44
Sequence 44, Application US/09306653
Patent No. 6600026
GENERAL INFORMATION:
APPLICANT: Bamdad, Cynthia C.
TITLE OF INVENTION: Electronic Methods for the Detection of Analytes
TITLE OF INVENTION: Utilizing Monolayers
FILE REFERENCE: A6343-1/RPT/RMS
CURRENT APPLICATION NUMBER: US/09/306,653
CURRENT FILING DATE: 1999-05-06
EARLIER APPLICATION NUMBER: 60/084,652
EARLIER FILING DATE: 1998-05-06
EARLIER APPLICATION NUMBER: 60/084,509
EARLIER FILING DATE: 1998-05-06
EARLIER APPLICATION NUMBER: 09/135,183
EARLIER FILING DATE: 1998-08-17
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 44
LENGTH: 13

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-306-653-44

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAGG 186
| | | | | | | | | | | | |
Db 1 ACGAGTCCCATGG 12

RESULT 902
US-09-033-525-10
Sequence 10, Application US/09033525
Patent No. 6645490
GENERAL INFORMATION:
APPLICANT: Yarkoni, Shai
APPLICANT: Ben-Yehudah, Ahmi
APPLICANT: Azar, Yehudith
APPLICANT: Aceilan, Rami
APPLICANT: Belotstotsky, Ruth
APPLICANT: Lorberboun-Galski, Hava
TITLE OF INVENTION: CHIMERIC PROTEINS WITH CELL-TARGETING
TITLE OF INVENTION: SPECIFICITY AND APOPTOSIS-INDUCING ACTIVITIES
FILE REFERENCE: 9457-009-999
CURRENT APPLICATION NUMBER: US/09/033,525
CURRENT FILING DATE: 1998-03-02
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Portion of pSV1 plasmid
US-09-033-525-10

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 293 GGTGAAGGACCT 304
| | | | | | | | | | | | |
Db 2 GCTGAAGGACCT 13

RESULT 903
US-09-621-275-39
Sequence 39, Application US/09621275
Patent No. 6686150
GENERAL INFORMATION:
APPLICANT: Blackburn, Gary
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
TITLE OF INVENTION: DETECTION
FILE REFERENCE: A-67643-2/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/621,275
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: 60/144,698
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 09/238,351
PRIOR FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: 09/014,034
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/135,183
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/084,425
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60,084,509
PRIOR FILING DATE: 1998-05-06

```
; PRIOR APPLICATION NUMBER: 60/028,102
; PRIOR FILING DATE: 1996-10-09
; PRIOR APPLICATION NUMBER: 60/073,011
; PRIOR FILING DATE: 1998-01-29
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic.
US-09-621-275-39

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Mismatches 0; Indels 0; Gaps 0;

Qy 175 ACGAGTCCAAGG 186
Db 1 ACGAGTCCATGG 12

RESULT 904
US-09-621-275-41
; Sequence 41, Application US/09621275
; Patent No. 6686150
; GENERAL INFORMATION:
; APPLICANT: Blackburn, Gary
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
; FILE REFERENCE: A-67643-2/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/621,275
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/144,698
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 09/238,351
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,034
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/084,425
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084,509
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/028,102
; PRIOR FILING DATE: 1996-10-09
; PRIOR APPLICATION NUMBER: 60/073,011
; PRIOR FILING DATE: 1998-01-29
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic.
US-09-621-275-41

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Mismatches 0; Indels 0; Gaps 0;

Qy 175 ACGAGTCCAAGG 186
Db 1 ACGAGTCCATGG 12

RESULT 905
US-09-621-275-45
; Sequence 45, Application US/09621275
; Patent No. 6686150
```

```
; GENERAL INFORMATION:
; APPLICANT: Blackburn, Gary
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
; FILE REFERENCE: A-67643-2/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/621,275
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/144,698
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 09/238,351
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,034
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/135,183
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/084,425
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084,509
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/028,102
; PRIOR FILING DATE: 1996-10-09
; PRIOR APPLICATION NUMBER: 60/073,011
; PRIOR FILING DATE: 1998-01-29
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic.
US-09-621-275-45

Query Match          2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Mismatches 0; Indels 0; Gaps 0;

Qy 175 ACGAGTCCAAGG 186
Db 1 ACGAGTCCATGG 12

RESULT 906
US-09-621-275-47
; Sequence 47, Application US/09621275
; Patent No. 6686150
; GENERAL INFORMATION:
; APPLICANT: Blackburn, Gary
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
; FILE REFERENCE: A-67643-2/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/621,275
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/144,698
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 09/238,351
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: 09/014,034
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/135,183
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/084,425
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084,509
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/028,102
; PRIOR FILING DATE: 1996-10-09
; PRIOR APPLICATION NUMBER: 60/073,011
; PRIOR FILING DATE: 1998-01-29
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 13
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES: Description of Artificial Sequence: synthetic.
US-09-621-275-47

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAG 186
|||
DB 1 ACGAGTCCCATGG 12

RESULT 907
US-09-621-275-53
Sequence 53, Application US/09621275
Patent No. 6686150
GENERAL INFORMATION:
APPLICANT: Blackburn, Gary
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
FILE REFERENCE: A-67643-2/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/621,275
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: 60/144,698
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 09/238,351
PRIOR FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: 09/014,034
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/135,183
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/084,425
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084,509
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/028,102
PRIOR FILING DATE: 1996-10-09
PRIOR APPLICATION NUMBER: 60/073,011
PRIOR FILING DATE: 1998-01-29
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 53
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic.

US-09-621-275-53
Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAG 186
|||
DB 1 ACGAGTCCCATGG 12

RESULT 908
US-09-621-275-55
Sequence 55, Application US/09621275
Patent No. 6686150
GENERAL INFORMATION:
APPLICANT: Blackburn, Gary
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC
FILE REFERENCE: A-67643-2/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/621,275
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: 60/144,698

PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 09/238,351
PRIOR FILING DATE: 1999-01-27
PRIOR APPLICATION NUMBER: 09/014,034
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 09/135,183
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/084,425
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084,509
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/028,102
PRIOR FILING DATE: 1996-10-09
PRIOR APPLICATION NUMBER: 60/073,011
PRIOR FILING DATE: 1998-01-29
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 55
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic.
US-09-621-275-55

Query Match 2.4%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 4.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 175 ACGAGTCCCAAG 186
|||
DB 1 ACGAGTCCCATGG 12

RESULT 909
US-08-309-512-43
Sequence 43, Application US/08309512
Patent No. 5759828
GENERAL INFORMATION:
APPLICANT: Tal, Ronny
APPLICANT: Ben-Ziman, Moshe
APPLICANT: Gelfand, David H.
APPLICANT: Ben-Bassat, Arie
APPLICANT: Calhoun, Roger D.
APPLICANT: Wong, Hing C.
TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 2730 Sand Hill Road
CITY: Menlo Park
STATE: California
COUNTRY: U.S.A.
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/309,512
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/800,218
FILING DATE: 29-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bortner, Scott R.
REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: 8145-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 854-3660
TELEFAX: (415) 854-3694

TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
US-08-309-512-43

Query Match 2.4%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 89 GGACATCACCAC 100
DB 3 GGACATCACCAC 14

RESULT 910

US-09-094-714A-68/c
Sequence 68, Application US/09094714A
Patent No. 6117847

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Nicholas M. Dean
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 8.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094.714A
FILING DATE: June 15, 1998

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/501,269

FILING DATE: 14-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,178

FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/089,996

FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/852,852

FILING DATE: 16-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard

REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2943
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 14

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-094-714A-68

Query Match

2.4%; Score 10.4; DB 1; Length 14;

Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 80 CCGCGCAGTGA 91
DB 14 CCGCGCAGTGA 3

RESULT 911

US-08-765-340-133
Sequence 133, Application US/08765340
Patent No. 6150092

GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.

TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
COMPOUND
NUMBER OF SEQUENCES: 185

CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK

STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30 (EPO)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994

ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353

REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 133:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-133

Query Match 2.4%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 39 GAAGATGCCAC 50
DB 3 GAAGATGCCAC 14

RESULT 912

US-08-535-249-54/c
Sequence 54, Application US/08535249
Patent No. 6455689

```

; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-54

Query Match 2.4%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 4.8e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 168 GTGTACTACGAG 179
Db 12 GTGTACTACGTG 1

RESULT 913
US-08-050-073-117/c
; Sequence 117, Application US/080500073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769

```

```

; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; US-08-050-073-117

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 152 GGCGGCTTCGACT 165
Db 15 GGCGGCTTCCTCT 2

RESULT 914
US-08-050-073-153
; Sequence 153, Application US/080500073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petty, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769

```

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 814-2974
 TELEFAX: (510) 814-2977
 INFORMATION FOR SEQ ID NO: 153:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: genomic DNA
 US-08-050-073-153

Query Match 2.4%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 5.4e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 267 CACTGGAGCAG 278
 Db 1 CTCCTGGAGCAG 12

RESULT 915
 US-08-311-760A-169
 ; Sequence 169, Application US/08311760A
 ; Patent No. 559706
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Newton, Roger S.
 ; APPLICANT: Ramharack, Randy
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
 ; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
 ; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
 ; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
 ; NUMBER OF SEQUENCES: 392
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311.760A
 FILING DATE: September 23, 1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/155
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 169:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-760A-169

Query Match 2.4%; Score 10.4; DB 1; Length 15;

Best Local Similarity 66.7%; Pred. No. 5.4e+02;
 Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 238 GAGCTGCTTCC 249
 Db 2 GAGGCUCCUCC 13

RESULT 916
 US-08-182-968A-327/c
 ; Sequence 327, Application US/08182968A
 ; Patent No. 5610054
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/182.968A
 ; FILING DATE: 13-JANUARY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/882.888
 ; FILING DATE: 14-MAY-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 205/277
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 327:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-182-968A-327

Query Match 2.4%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 5.4e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 378 GACCGCAGCAG 389
 Db 14 GACCGCAGCAG 3

RESULT 917
 US-08-182-968A-496/c
 ; Sequence 496, Application US/08182968A
 ; Patent No. 5610054
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/182,968A
;; FILING DATE: 13-JANUARY-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/882,888
;; FILING DATE: 14-MAY-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 205/277
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 496:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-182-968A-496

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 1 GGCCAGGAGTGA 12
DB 14 GGCCCTGGAGTGA 3

RESULT 918
US-08-100-465-7
; Sequence 7, Application US/08100465
; Patent No. 5610137
; GENERAL INFORMATION:
; APPLICANT: TOWNES, TIM M., ET AL.
; TITLE OF INVENTION: TRANSGENIC, CROSS-LINKED
; TITLE OF INVENTION: HEMOGLOBIN
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/100,465
; FILING DATE: 30-JUL-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/630,825
; FILING DATE: DECEMBER 20, 1990

;; ATTORNEY/AGENT INFORMATION:
;; NAME: CLARK, PAUL T.
;; REGISTRATION NUMBER: 30,162
;; REFERENCE/DOCKET NUMBER: 004005
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 542-5070
;; TELEFAX: (617) 542-8906
;; TELEX: 200154
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-100-465-7

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 261 ACGGTGCACCTG 272
DB 1 ATGGTGCACCTG 12

RESULT 919
US-08-291-932A-100/c
; Sequence 100, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-100

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 209 AGCAGAGAACTC 220
Db 15 AGCAGAGAACTC 4

RESULT 920

US-08-291-932A-101/c
Sequence 101, Application US/08291932A

Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Scinchcomb, Dan T.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: NP-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 101:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-291-932A-101

Query Match

Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 209 AGCAGAGAACTC 220
Db 14 AGCAGAGAACTC 3

RESULT 921

US-08-334-847-630
Sequence 630, Application US/08334847

Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING RESPIRATORY

TITLE OF INVENTION: SYNCYTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/334,847

FILING DATE: No. 5693532ember 4, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/032

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 630:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-334-847-630

Query Match 2.4%; Score 10.4; DB 1; Length 15;

Best Local Similarity 50.0%; Pred. No. 5.4e+02;

Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 361 ACTTCTCTCACTT 372

Db 1 AUUUCUCCACUU 12

RESULT 922

US-08-221-816B-26/c

Sequence 26, Application US/08221816B

Patent No. 5738985

GENERAL INFORMATION:

APPLICANT: Miles, Vincent J.

APPLICANT: Mathews, Michael B.

APPLICANT: Katze, Michael G.

APPLICANT: Witherell, Gary

APPLICANT: Watson, Julia C.

;; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
;; TITLE OF INVENTION: OF VIRAL REPLICATION
;; NUMBER OF SEQUENCES: 33
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 1155 Avenue of the Americas
;; CITY: New York
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10036/2711
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: Fast-SEQ Version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/221,816B
;; FILING DATE: 01-APR-1994
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Coruzzi, Laura A
;; REGISTRATION NUMBER: 30,742
;; REFERENCE/DOCKET NUMBER: 7960-030
;; TELEPHONE: (212) 790-9090
;; TELEFAX: (212) 869-8864
;; TELEX: 66141 PENNIE
;; INFORMATION FOR SEQ ID NO: 26:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: RNA
US-08-221-816B-26

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 127 GCATGCTGGCCC 138
DB 15 GCCTGCTGGCCC 4

RESULT 923
US-08-293-150A-109
; Sequence 109, Application US/08293150A
; Patent No. 5792629
; GENERAL INFORMATION:
; APPLICANT: MORISHITA, Hideaki
; APPLICANT: KANAMORI, Toshinori
; APPLICANT: NOBUHARA, Masahiro
; TITLE OF INVENTION: POLYPEPTIDE, DNA FRAGMENT ENCODING THE
; TITLE OF INVENTION: SAME AND PROCESS FOR PRODUCING THE SAME, AND ENZYME
; TITLE OF INVENTION: INHIBITION PROCESS, DRUG COMPOSITION AND METHODS OF
; TITLE OF INVENTION: TREATING USING THE SAME
; NUMBER OF SEQUENCES: 110
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P. O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/293,150A
; FILING DATE: 19-AUG-1994

;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/791,213
;; FILING DATE: 13-NOV-1990
;; PRIOR APPLICATION DATA: JP 2-306745
;; FILING DATE: 13-NOV-1990
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Meuth, Donna M.
;; REGISTRATION NUMBER: 36,607
;; REFERENCE/DOCKET NUMBER: 029650-049
;; TELEPHONE: (703) 836-6620
;; TELEFAX: (703) 836-2021
;; INFORMATION FOR SEQ ID NO: 109:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-293-150A-109

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 384 GACGACGGCGCC 395
DB 1 GACGACGGCGCC 12

RESULT 924
US-08-292-620A-393
; Sequence 393, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 393:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-393

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 298 AGGACCTGAGCC 309
DB 1 AGGACCCAGCC 12

RESULT 925
US-08-292-620A-431
Sequence 431, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

two

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 431:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-431

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 357 AGGACTTCCTC 368
DB 1 AGCCACUCCUC 12

RESULT 926
US-08-292-620A-656
Sequence 656, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

two

INFORMATION FOR SEQ ID NO: 656:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-656

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 298 AGGACCTGAGCC 309
DB 1 AGGACCUAGCC 12

RESULT 927

US-08-292-620A-657

; Sequence 657, Application US/08292620A

; Patent No. 5837542

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOSOME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A

; FILING DATE: August 17, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 657:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-292-620A-657

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 357 AGGACTTCCTC 368

DB 1 AGCCACUCCUC 12

RESULT 928

US-08-627-254C-15/c

; Sequence 15, Application US/08627254C

; Patent No. 5859229

; GENERAL INFORMATION:

; APPLICANT: Kniss, Douglas A.

; TITLE OF INVENTION: Eicosanoid Formation

; NUMBER OF SEQUENCES: 29

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Calfee, Halter & Griwold LLP

; STREET: 800 Superior Avenue

; CITY: Cleveland

; STATE: Ohio

; COUNTRY: USA

; ZIP: 44114

; COMPUTER READABLE FORM: disk

; MEDIUM TYPE: floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/627,254C

; FILING DATE:

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Golrick, Mary E

; REGISTRATION NUMBER: 34,829

; REFERENCE/DOCKET NUMBER: 18525/00107

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (216) 622-8200

; TELEFAX: (216) 241-0816

; INFORMATION FOR SEQ ID NO: 15:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: CDNA to mRNA

; ANTI-SENSE: YES

; US-08-627-254C-15

Query Match Similarity 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 129 ATGCTGCCCGC 140

DB 14 ATGCTGCCCGC 3

RESULT 929

US-08-774-306A-327/c

; Sequence 327, Application US/08774306A

; Patent No. 5869253

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 327:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-327

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 378 GACGCGACGAC 389
DB 14 GACCCCGACGAC 3

RESULT 930
US-08-774-306A-496/c
Sequence 496, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 223/227
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 496:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-496

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GCCCAGGAGTGA 12
DB 14 GGCCTGGAGTGA 3

RESULT 931
US-08-774-310-169
Sequence 169, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOSOME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/229
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 169:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-310-169

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 238 GAGCGCTTCC 249
DB 2 GAGGCUCCUCC 13

RESULT 932

US-08-931-072A-9/c
; Sequence 9, Application US/08931072A
; Patent No. 5939542
; GENERAL INFORMATION:
; APPLICANT: KAWAI, SHINTARO
; APPLICANT: NAKAMOTO, HIROAKA
; APPLICANT: NAKAMOTO, HIROAKA
; TITLE OF INVENTION: DETECTION OF HLA-DR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931, 072A
; FILING DATE: 15-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-514371
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220

INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-931-072A-9

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 134 GGCCCGCTGCGC 145
DB 13 GGCCCGCTGTC 2

RESULT 933

US-08-931-072A-25
; Sequence 25, Application US/08931072A
; Patent No. 5939542
; GENERAL INFORMATION:
; APPLICANT: KAWAI, SHINTARO
; APPLICANT: NAKAMOTO, HIROAKA

TITLE OF INVENTION: DETECTION OF HLA-DR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931, 072A
; FILING DATE: 15-SEP-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 7-514371
; FILING DATE: 10-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 209-043-0 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220

INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-931-072A-25

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 134 GGCCCGCTGCGC 145
DB 3 GGCCCGCTGTC 14

RESULT 934

US-08-577-081A-62
; Sequence 62, Application US/08577081A
; Patent No. 6030775
; GENERAL INFORMATION:
; APPLICANT: Yang, Soo Young
; APPLICANT: Ceréb, Nezh
; TITLE OF INVENTION: Methods and Reagents for Typing HLA
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,081A
; FILING DATE:

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; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: MSK-P-001-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: hybridization probe 131R for typing of
; OTHER INFORMATION: HLA Class I genes
US-08-577-081A-62

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```

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      373 TCCTGACCGCG 384
      |||||
DB      4 TCTTGACCGCG 15

```

```

RESULT 935
US-09-064-156A-327/c
; Sequence 327, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 327:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-327

```

```

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY      378 GACCGGACGAC 389
      |||||
DB      14 GACCGGACGAC 3

```

```

RESULT 936
US-09-064-156A-496/c
; Sequence 496, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 496:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-496

```


Query Match 2.4%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 5.4e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GGCAGGAGTCA 12
 |||||
 Db 14 GGCCTGGAGTCA 3

RESULT 937

US-09-071-845-393
 ; Sequence 393, Application US/09071845
 ; Patent No. 6132967

GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 393:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 2.4%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 83.3%; Pred. No. 5.4e+02;
 Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 298 AGGACCTGAGCC 309
 |||||

Db 1 AGGACCTGAGCC 12

RESULT 938

US-09-071-845-431
 ; Sequence 431, Application US/09071845
 ; Patent No. 6132967

GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 431:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 2.4%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 66.7%; Pred. No. 5.4e+02;
 Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 357 AGGACCTTCCTC 368
 |||||
 Db 1 AGGACCTTCCTC 12

RESULT 939

US-09-071-845-656
 ; Sequence 656, Application US/09071845
 ; Patent No. 6132967

```
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2086
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 656:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-656

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 5.4e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 298 AGGACCTGAGCC 309
Db 1 AGGACCTGAGCC 12

RESULT 940
US-09-071-845-657
Sequence 657, Application US/09071845
Patent No. 6132957
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
```

```
GENERAL INFORMATION:
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2086
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 657:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-657

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 357 AGCGACTTCCTC 368
Db 1 AGCCACUUCUCC 12

RESULT 941
US-09-177-359-27
Sequence 27, Application US/09177359B
Patent No. 6183963
GENERAL INFORMATION:
APPLICANT: SINNETT, Daniel
APPLICANT: LABUDA, Damian
TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
TITLE OF INVENTION: ASSAY
FILE REFERENCE: 12667-17"US" FC/ld
CURRENT APPLICATION NUMBER: US/09/177,359B
CURRENT FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 37
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 15
TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as probes
US-09-177-359-27

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 245 CTCTCCGGGCTC 256
DB 3 CTCTCCGGGCTC 14

RESULT 942
US-09-081-646-307/c
; Sequence 307, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 307
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-307

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 39 GAGATGGCCAC 50
DB 15 GCAGATGGCCAC 4

RESULT 943
US-08-584-040-8429
; Sequence 8429, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; MEDIUM TYPE: storage
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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8429

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GAGACCCAGGCG 344
DB 4 GACUACCCAGGCG 15

RESULT 944
US-09-194-842A-60/c
; Sequence 60, Application US/09194842A
; Patent No. 6416348
; GENERAL INFORMATION:
; APPLICANT: Pilarski, Linda M.
; APPLICANT: Belch, Andrew R.
; APPLICANT: Szczepek, Agnieszka J.
; TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA
; FILE REFERENCE: STI-008USCPA
; CURRENT APPLICATION NUMBER: US/09/194,842A
; CURRENT FILING DATE: 1999-01-04
; PRIOR APPLICATION NUMBER: US 60/019,106
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: PCT/US97/09534
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 60
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-194-842A-60

Query Match          2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 CCAGGAGTGAAA 14
DB 12 CCAGGAGTGAAA 1

RESULT 945
US-09-068-086A-4
; Sequence 4, Application US/09068086A
; Patent No. 6472183
; GENERAL INFORMATION:
```

APPLICANT: PRIDEAUX, Christopher T
APPLICANT: HODGSON, Adrian L
APPLICANT: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH OR
TITLE OF INVENTION: IMMUNITY AGAINST ACTINOBACILLUS PLEUROPNEMONIAE'S RTX
TITLE OF INVENTION: TOXINS APX
FILE REFERENCE: 09/068,086
CURRENT APPLICATION NUMBER: US/09/068,086A
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: PCT/AU96/00686
PRIOR FILING DATE: 1996-11-01
PRIOR APPLICATION NUMBER: AUSTRALIA NO. PN6314
PRIOR FILING DATE: 1995-11-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Actinobacillus pleuropneumoniae
US-09-068-086A-4

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 ACGTGATCGACA 420
|||||
DB 1 ACGTGATCGACA 12

RESULT 946
US-09-068-086A-6
Sequence 6, Application US/09068086A
Patent No. 6472183
GENERAL INFORMATION:
APPLICANT: PRIDEAUX, Christopher T
APPLICANT: HODGSON, Adrian L
APPLICANT: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH OR
TITLE OF INVENTION: IMMUNITY AGAINST ACTINOBACILLUS PLEUROPNEMONIAE'S RTX
TITLE OF INVENTION: TOXINS APX
FILE REFERENCE: 09/068,086
CURRENT APPLICATION NUMBER: US/09/068,086A
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: PCT/AU96/00686
PRIOR FILING DATE: 1996-11-01
PRIOR APPLICATION NUMBER: AUSTRALIA NO. PN6314
PRIOR FILING DATE: 1995-11-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 15
TYPE: DNA
ORGANISM: Actinobacillus pleuropneumoniae
US-09-068-086A-6

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 ACGTGATCGACA 420
|||||
DB 1 ACGTGATCGACA 12

RESULT 947
US-08-754-477A-40
Sequence 40, Application US/08754477A
Patent No. 6518411
GENERAL INFORMATION:
APPLICANT: Murray, Jeffrey
APPLICANT: Semina, Elena
TITLE OF INVENTION: RIEG COMPOSITIONS AND THERAPEUTIC
TITLE OF INVENTION: AND DIAGNOSTIC USES THEREFOR
NUMBER OF SEQUENCES: 139

CORRESPONDENCE ADDRESS:
ADDRESSES: FOLEY, HOAG & ELIOT LLP
STREET: One Post Office Square
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/754,477A
FILING DATE: 22-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: UIA-022.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-754-477A-40

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 GGCTGCTTCCCG 252
|||||
DB 3 GGCTGCTTCCCG 15

RESULT 948
US-09-474-432B-110/c
Sequence 110, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinner, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MEB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-110

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 147 GTGGAGGCGGC 158
|||
Db 15 GTGGAGGCGGC 4

RESULT 949

US-09-371-772B-4085
; Sequence 4085, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4085
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4085

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GACGACCGGC 344
|||
Db 4 GACUACCGGC 15

RESULT 950

US-10-112-547-26/c
; Sequence 26, Application US/10112547
; Patent No. 6579674
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/112,547
; FILING DATE: 28-Mar-2002

CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-112-547-26

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 127 GCATGCTGGCC 138
|||
Db 15 GCCTGCTGGCC 4

RESULT 951

US-09-476-387-110/c
; Sequence 110, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 110
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-110

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 147 GTGGAGGCGGC 158
|||
Db 15 GTGGAGGCGGC 4

RESULT 952

US-10-112-241-26/c
; Sequence 26, Application US/10112241
; Patent No. 6623961
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/112,241

FILING DATE: 28-Mar-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,816B

FILING DATE: 01-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7960-030

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

SEQUENCE DESCRIPTION: SEQ ID NO: 26:

US-10-112-241-26

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

127 GCATGCTGGCCC 138

Db 15 GCCTGCTGGCCC 4

RESULT 953

US-10-104-611-26/c
; Sequence 26, Application US/10104611
; Patent No. 6667152
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; Mathews, Michael B.
; Katze, Michael G.
; Witherell, Gary
; Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/104,611

FILING DATE: 22-Mar-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,816B

FILING DATE: 01-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7960-030

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

SEQUENCE DESCRIPTION: SEQ ID NO: 26:

US-10-104-611-26

Query Match 2.4%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 5.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY

127 GCATGCTGGCCC 138

Db

15 GCCTGCTGGCCC 4

RESULT 954

US-07-789-738-1/c
; Sequence 1, Application US/07789738
; Patent No. 5824857
; GENERAL INFORMATION:

APPLICANT: Beachy, Roger N.

APPLICANT: Bhattacharyya, Maitrayee

TITLE OF INVENTION: Plant Promoter

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F

STREET: 700 Chesterfield Parkway No. 5824857th

CITY: St. Louis

STATE: Missouri

COUNTRY: USA

ZIP: 63198

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/789,738

FILING DATE: 19920330

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Hoerner Jr., Dennis R.

REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10540)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-07-789-738-1

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 397 AGAAGGCTTCT 408
DB 12 AGAAGTCTTCT 1

RESULT 955
US-08-050-073-143/c
Sequence 143, Application US/08050073
Patent No. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-143

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 397 AGAAGGCTTCT 408
DB 12 AGAAGTCTTCT 1

RESULT 955
US-08-050-073-143/c
Sequence 143, Application US/08050073
Patent No. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-143

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 78.6%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 152 GCGCGCTTCTGACT 165
DB 15 GCGCGCTTCTGACT 2

RESULT 956
US-08-050-073-152/c
Sequence 152, Application US/08050073
Patent No. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-152

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 267 CACTGGAGCAG 278
DB 15 CTCTGGAGCAG 4

RESULT 957
US-08-094-128A-33
Sequence 33, Application US/08094128A
Patent No. 5595884
GENERAL INFORMATION:
APPLICANT: BARSOUM, James G.
APPLICANT: ANDROPHY, Elliot J.
TITLE OF INVENTION: PAPILLOMAVIRUS E2 TRANS-ACTIVATION
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 267 CACTGGAGCAG 278
DB 15 CTCTGGAGCAG 4

RESULT 957
US-08-094-128A-33
Sequence 33, Application US/08094128A
Patent No. 5595884
GENERAL INFORMATION:
APPLICANT: BARSOUM, James G.
APPLICANT: ANDROPHY, Elliot J.
TITLE OF INVENTION: PAPILLOMAVIRUS E2 TRANS-ACTIVATION
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas

```

; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/094,128A
; FILING DATE: 24-SEP-1993
; CLASSIFICATION: 517
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/646,998
; FILING DATE: 28-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/00652
; FILING DATE: 28-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Halsey Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B156CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..4
; OTHER INFORMATION: /note= "Nucleotides 1-4 represent
; OTHER INFORMATION: the 5' overhanging end of a BamHI-NcoI linker"
US-08-094-128A-33

```

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Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 221 GGTGGCGGCCAA 232
Db 4 GGTGGCGGCCAA 15

RESULT 958
US-08-455-674-33
; Sequence 33, Application US/08455674
; Patent No. 5616559
; GENERAL INFORMATION:
; APPLICANT: BARSOUM, James G.
; APPLICANT: ANDROPHY, Elliot J.
; TITLE OF INVENTION: PAPILLOMAVIRUS E2 TRANS-ACTIVATION
; TITLE OF INVENTION: REPRESSORS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,674

```

```

; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/094,128
; FILING DATE: 24-SEP-1993
; APPLICATION NUMBER: US 07/646,998
; FILING DATE: 28-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/00652
; FILING DATE: 28-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Halsey Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B156CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..4
; OTHER INFORMATION: /note= "Nucleotides 1-4 represent
; OTHER INFORMATION: the 5' overhanging end of a BamHI-NcoI linker"
US-08-455-674-33

```

```

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 221 GGTGGCGGCCAA 232
Db 4 GGTGGCGGCCAA 15

RESULT 959
US-08-455-992-33
; Sequence 33, Application US/08455992
; Patent No. 5656599
; GENERAL INFORMATION:
; APPLICANT: BARSOUM, James G.
; APPLICANT: ANDROPHY, Elliot J.
; TITLE OF INVENTION: PAPILLOMAVIRUS E2 TRANS-ACTIVATION
; TITLE OF INVENTION: REPRESSORS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,992
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/094,128
; FILING DATE: 24-SEP-1993
; APPLICATION NUMBER: US 07/646,998
; FILING DATE: 28-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/00652

```



```

; FILING DATE: 28-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B156CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..4
; OTHER INFORMATION: /note= "Nucleotides 1-4 represent
; OTHER INFORMATION: the 5' overhanging end of a BamHI-NcoI linker"
US-08-455-992-33

```

```

Query Match      2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      221 GGTGGCGGCCAA 232
DB      4 GGTGGCGGCCAA 15

```

```

RESULT 960
US-08-455-972-33
; Sequence 33, Application US/08455972
; Patent No. 5667965
; GENERAL INFORMATION:
; APPLICANT: BARSOUM, James G.
; APPLICANT: ANDROPHY, Elliot J.
; TITLE OF INVENTION: PAPILLOMAVIRUS E2 TRANS-ACTIVATION
; TITLE OF INVENTION: REPRESSORS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,972
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/094,128
; FILING DATE: 24-SEP-1993
; APPLICATION NUMBER: US 07/646,998
; FILING DATE: 28-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/00652
; FILING DATE: 28-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B156CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 33:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..4
; OTHER INFORMATION: /note= "Nucleotides 1-4 represent
; OTHER INFORMATION: the 5' overhanging end of a BamHI-NcoI linker"
US-08-455-972-33

```

```

Query Match      2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      221 GGTGGCGGCCAA 232
DB      4 GGTGGCGGCCAA 15

```

```

RESULT 961
US-08-486-421-28
; Sequence 28, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-486-421-28

```

```

Query Match      2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      272 GGAGCAGCGGG 283

```

Db 1 GGAGCAGGAGG 12

RESULT 962
US-08-460-806-28
; Sequence 28, Application US/08460806
; Patent No. 5747241
; GENERAL INFORMATION:
; APPLICANT: MIYAMURA, TATSUO
; APPLICANT: SAITO, IZUMU
; APPLICANT: HARADA, SHIZUKO
; APPLICANT: HONDA, YOSHIKAZU
; TITLE OF INVENTION: DIAGNOSTIC REAGENT FOR HEPATITIS C
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; APPLICATION NUMBER: US/08/325,630
; FILING DATE: 06-OCT-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/956,993
; FILING DATE: 06-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5750331man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 4667-001-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-460-806-28

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 212 AGAGACTCGGT 223
Db 3 AGAGATTCGGT 14

RESULT 963
US-08-325-630-28
; Sequence 28, Application US/08325630
; Patent No. 5750331
; GENERAL INFORMATION:
; APPLICANT: MIYAMURA, TATSUO
; APPLICANT: SAITO, IZUMU
; APPLICANT: HARADA, SHIZUKO
; APPLICANT: HONDA, YOSHIKAZU
; TITLE OF INVENTION: DIAGNOSTIC REAGENT FOR HEPATITIS C
; NUMBER OF SEQUENCES: 28

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; APPLICATION NUMBER: US/08/325,630
; FILING DATE: 06-OCT-1992
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/956,993
; FILING DATE: 06-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5750331man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 4667-001-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-325-630-28

Query Match 2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 212 AGAGACTCGGT 223
Db 3 AGAGATTCGGT 14

RESULT 964
US-08-470-911-28
; Sequence 28, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 6923-053
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-9741/8864
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 28:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 US-08-470-911-28

Query Match 2.4%; Score 10.4; DB 1; Length 16;
 Best Local Similarity 91.7%; Pred. No. 5.9e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 272 GGAGCAGGGCGG 283
 |||||
 DB 1 GGAGCAGGGAGG 12

RESULT 965

US-08-486-809-28
 ; Sequence 28, Application US/08486809
 ; Patent No. 5869622

GENERAL INFORMATION:
 APPLICANT: Johnson, Edward M.
 APPLICANT: Bergmann, Andrew D.
 TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
 NUMBER OF SEQUENCES: 51
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/486.809
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/470,911
 FILING DATE: 06-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742
 REFERENCE/DOCKET NUMBER: 6923-053
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-9741/8864
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 28:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 US-08-486-809-28

Query Match 2.4%; Score 10.4; DB 1; Length 16;
 Best Local Similarity 91.7%; Pred. No. 5.9e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 272 GGAGCAGGGCGG 283
 |||||
 DB 1 GGAGCAGGGAGG 12

RESULT 966

US-08-679-645-525
 ; Sequence 525, Application US/08679645
 ; Patent No. 6350934

GENERAL INFORMATION:
 APPLICANT: Zwick, Michael G.
 APPLICANT: Edington, Brent E.
 APPLICANT: McSwiggen, James A.
 APPLICANT: Merlo, Patricia Ann Owens
 APPLICANT: Guo, Lining
 APPLICANT: Skokut, Thomas A.
 APPLICANT: Young, Scott A.
 APPLICANT: Folkerts, Otto
 APPLICANT: Merlo, Donald J.
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 NUMBER OF SEQUENCES: 1263
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/679,645
 FILING DATE: July 12, 1996
 CLASSIFICATION: 800

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/001,135
 FILING DATE: July 13, 1995
 APPLICATION NUMBER: 08/300,726
 FILING DATE: September 2, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 219/247
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 525:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-679-645-525

Query Match 2.4%; Score 10.4; DB 1; Length 16;
 Best Local Similarity 83.3%; Pred. No. 5.9e+02;
 Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 143 GGCGGTGGAGGC 154
 |||||
 DB 5 GGCGGTGGAGGC 16

RESULT 967

US-08-460-316-1/c

```
; Sequence 1, Application US/09460316
; Patent No. 6376181
; GENERAL INFORMATION:
; APPLICANT: J. Michael Ramsey
; APPLICANT: Robert S. Foote
; TITLE OF INVENTION: Method and Apparatus for Analyzing
; FILE OF INVENTION: Nucleic Acids
; FILE REFERENCE: ramsey
; CURRENT APPLICATION NUMBER: US/09/460,316
; CURRENT FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 08/848,553
; PRIOR FILING DATE: 1997-04-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence source: /note="synthetic oligonucleotide construct
; Patent No. 6376181
; OTHER INFORMATION: containing a 6-amino hexyl phosphate modification at the
; OTHER INFORMATION: 5' end"
US-09-460-316-1

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      216  AACTCGGTGGCG 227
Db      12  AACTCGGTGGCG 1

RESULT 968
US-09-460-316-2
; Sequence 2, Application US/09460316
; Patent No. 6376181
; GENERAL INFORMATION:
; APPLICANT: J. Michael Ramsey
; APPLICANT: Robert S. Foote
; TITLE OF INVENTION: Method and Apparatus for Analyzing
; FILE OF INVENTION: Nucleic Acids
; FILE REFERENCE: ramsey
; CURRENT APPLICATION NUMBER: US/09/460,316
; CURRENT FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 08/848,553
; PRIOR FILING DATE: 1997-04-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence source: /note="synthetic oligonucleotide construct
; Patent No. 6376181
; OTHER INFORMATION: containing a 6-amino-hexyl phosphate modification at the
; OTHER INFORMATION: 5' end"
US-09-460-316-2

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      216  AACTCGGTGGCG 227
Db      5   AACTCGGTGGCG 16

RESULT 969
US-09-651-374A-29
; Sequence 29, Application US/09651374A
```

```
; Patent No. 6472156
; GENERAL INFORMATION:
; APPLICANT: Wittwer, Carl
; APPLICANT: Hermann, Mark
; TITLE OF INVENTION: Homogenous Multiplex Hybridization Analysis by Color and TM
; FILE REFERENCE: A-68197/RET
; CURRENT APPLICATION NUMBER: US/09/651,374A
; CURRENT FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: US 60/151,494
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic.
US-09-651-374A-29
```

```
Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      134  GGCCCGCTGGC 145
Db      4   GGCCCGCTGTC 15
```

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RESULT 970
US-09-371-772B-5650
; Sequence 5650, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5650
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5650
```

```
Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      326  GGCGCGGACGA 337
Db      5   GGCGCGGACGA 16
```

```
RESULT 971
US-09-371-772B-5651
; Sequence 5651, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5651
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5651

```

```

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 326 GCGCGCGGACGA 337
Db 1 GCGCGGGAACGA 12

```

```

RESULT 972
US-09-371-772B-5974
; Sequence 5974, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5974
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5974

```

```

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 206 GAAGCGAGAGAA 217
Db 4 GAAGCGAGAGAA 15

```

```

RESULT 973
US-10-090-955-1/c
; Sequence 1, Application US/10090955
; Patent No. 6660480
; GENERAL INFORMATION:
; APPLICANT: J. Michael Ramsey
; APPLICANT: Robert S. Foote
; TITLE OF INVENTION: Method and Apparatus for Analyzing
; FILE REFERENCE: Nucleic Acids

```

```

; FILE REFERENCE: ramsey
; CURRENT APPLICATION NUMBER: US/10/090,955
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US/09/460,316
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 08/848,553
; PRIOR FILING DATE: 1997-04-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence source:/note="synthetic oligonucleotide construct
; Patent No. 6660480
; OTHER INFORMATION: containing a 6-amino hexyl phosphate modification at the
; OTHER INFORMATION: 5' end"
US-10-090-955-1

```

```

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 216 AACTCGGTGCG 227
Db 12 AACTCGGTGCG 1

```

```

RESULT 974
US-10-090-955-2
; Sequence 2, Application US/10090955
; Patent No. 6660480
; GENERAL INFORMATION:
; APPLICANT: J. Michael Ramsey
; APPLICANT: Robert S. Foote
; TITLE OF INVENTION: Method and Apparatus for Analyzing
; FILE REFERENCE: Nucleic Acids
; FILE REFERENCE: ramsey
; CURRENT APPLICATION NUMBER: US/10/090,955
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US/09/460,316
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 08/848,553
; PRIOR FILING DATE: 1997-04-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence source:/note="synthetic oligonucleotide construct
; Patent No. 6660480
; OTHER INFORMATION: containing a 6-amino-hexyl phosphate modification at the
; OTHER INFORMATION: 5' end"
US-10-090-955-2

```

```

Query Match          2.4%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 5.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 216 AACTCGGTGCG 227
Db 5 AACTCGGTGCG 16

```

```

RESULT 975
US-09-371-772B-4171
; Sequence 4171, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4171

Query Match          2.4%; Score 10.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 247 TCCCGGCTCGG 258
Db 1 UCCGGGCGUCGG 12

RESULT 976
US-09-474-922A-53
; Sequence 53, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roch
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-474-922A-53

Query Match          2.4%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 193 TCCACTGCTCGG 204
Db 3 TCTACTGCTCGG 14

RESULT 977
PCT-US91-05808-6
; Sequence 6, Application PC/TUS9105808
; GENERAL INFORMATION:
; APPLICANT: Yale, University
; TITLE OF INVENTION: Therapeutic Ribozyme Compositions
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Kilpatrick & Cody
; STREET: 100 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: US

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 4171
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-4171

Query Match          2.4%; Score 10.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 247 TCCCGGCTCGG 258
Db 1 UCCGGGCGUCGG 12

RESULT 976
US-09-474-922A-53
; Sequence 53, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roch
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-474-922A-53

Query Match          2.4%; Score 10.4; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 7e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 193 TCCACTGCTCGG 204
Db 3 TCTACTGCTCGG 14

RESULT 977
PCT-US91-05808-6
; Sequence 6, Application PC/TUS9105808
; GENERAL INFORMATION:
; APPLICANT: Yale, University
; TITLE OF INVENTION: Therapeutic Ribozyme Compositions
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Kilpatrick & Cody
; STREET: 100 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: US
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; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05808
; FILING DATE: 19910815
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/568834
; FILING DATE: 17-AUG-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: YU100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-572-6508
; TELEFAX: 404-572-6555
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: trna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: E. coli
; PCT-US91-05808-6

Query Match          2.4%; Score 10.4; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 34 GGGACGAGATGCCACCAC 53
Db 1 GGGCCGAGUCCGGCACCAC 20

RESULT 978
5168053-8
; Patent No. 5168053
; APPLICANT: ALTMAN, SIDNEY; FORSTER, ANTHONY C.; GUERRIER-TAKADA,
; CECILIA L.
; TITLE OF INVENTION: CLEAVAGE OF TARGETED RNA BY RNAASE P
; NUMBER OF SEQUENCES: 9
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/568,834
; FILING DATE: 17-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 328,368
; FILING DATE: 24-MAR-1989
; SEQ ID NO: 8
; LENGTH: 20
; 5168053-8

Query Match          2.4%; Score 10.4; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 34 GGGACGAGATGCCACCAC 53
Db 1 GGGCCGAGUCCGGCACCAC 20

RESULT 979
US-09-325-256-31
; Sequence 31, Application US/09325256
; Patent No. 6444793
; GENERAL INFORMATION:
```

APPLICANT: PEPINSKY, R. BLAKE
APPLICANT: BAKER, DARREN P.
APPLICANT: WEN, DINGYI
APPLICANT: WILLIAMS, KEVIN P.
APPLICANT: GARGER, ELLEN A.
APPLICANT: TAYLOR, FREDERICK R.
APPLICANT: GALDES, ALPHONSE
APPLICANT: PORTER, JEFFREY
TITLE OF INVENTION: HYDROPHOBICALLY-MODIFIED PROTEIN COMPOSITIONS AND
METHODS
FILE REFERENCE: BIV-067.01
CURRENT APPLICATION NUMBER: US/09/325,256
CURRENT FILING DATE: 1999-06-03
PRIOR APPLICATION NUMBER: 60/099,800
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/078,935
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/089,685
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/067,423
PRIOR FILING DATE: 1997-12-03
PRIOR APPLICATION NUMBER: PCT/US98/25676
PRIOR FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 31
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 31
LENGTH: 49
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-325-256-31

Query Match 2.4%; Score 10.4; DB 1; Length 49;
Best Local Similarity 70.0%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 355 ACAGCGACTTCCTCACTTTC 374
Db 27 ACACGAGTTCCTCTGCTTTC 46

RESULT 980
US-08-355-824-3/c
Sequence 3, Application US/08355824
Patent No. 5583023
GENERAL INFORMATION:
APPLICANT: CERUTTI, Martine
APPLICANT: CROIZIER, Guy
APPLICANT: CROIZIER, Liliane
APPLICANT: DEVAUCHELLE, Gerard
TITLE OF INVENTION: MODIFIED BACULOVIRUS, ITS PREPARATION
AND ITS APPLICATION AS A GENE EXPRESSION VECTOR
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/355,824
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/908,188
FILING DATE: 01-JUL-1992

ATTORNEY/AGENT INFORMATION:
NAME: Drager, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-54434-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-355-824-3

Query Match 2.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 5.8e+02;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 300 GACCTGAGCCCCGGG 314
Db 15 GACCGATCCCCGGG 1

Search completed: April 21, 2004, 12:53:22
Job time : 9 secs